"Hawkshaws on Skis--Western Snow Surveyors"

FEDERAL-STATE COOPERATIVE SNOW SURVEYS

SUMMARY for NEVADA

1910 through 1948

By
Division of Irrigation, Soil Conservation Service
United States Department of Agriculture
Nevada Agricultural Experiment Station
and Nevada State Engineer

FEDERAL-STATE COOPERATIVE SNOW SURVEYS

Summary of

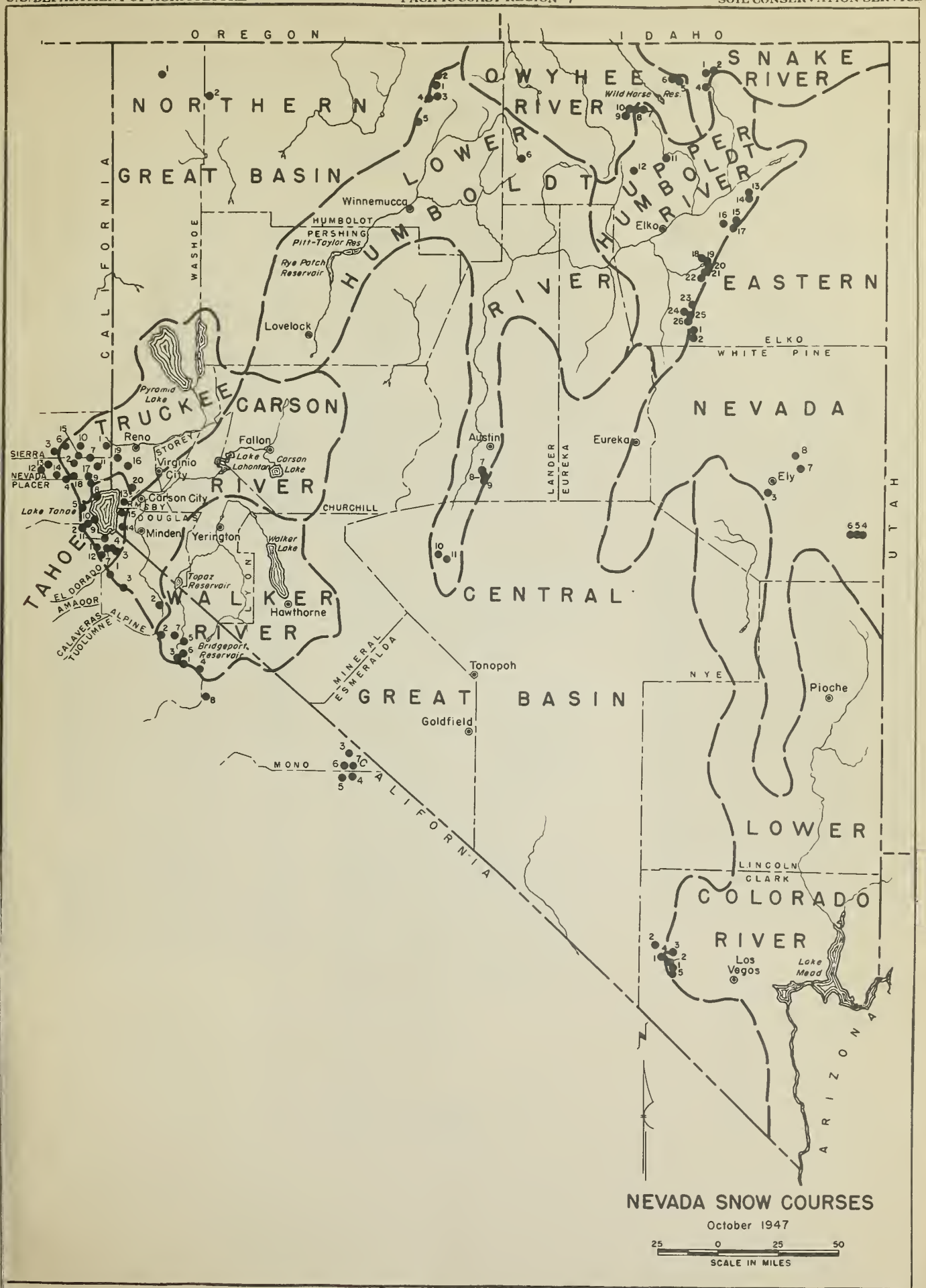
SNOW SURVEYS

in

NEVADA

1910 through 1948

Prepared by
Clyde Houston, Hydraulic Engineer
Division of Irrigation and Water Conservation
Soil Conservation Service
and
Gloria Ghiglieri, Assistant Librarian
Nevada Agricultural Experiment Station
Reno, Nevada
July 1948


OREGON
IDAHO
CALIFORNIA
NORTHERN GREAT BASIN
OWYHEE RIVER
SNAKE RIVER
Wild Horse Res.
LOWER HUMBOLDT RIVER
UPPER HUMBOLDT RIVER
EASTERN NEVADA
Winnemucca
HUMBOLDT
PERSHING
Pitt-Taylor Res.
Rye Patch Reservoir
Elko
Lovelock
WASHOE
ELKO
WHITE PINE
TRUCKEE CARSON RIVER
Pyramid Lake
Reno
STOREY
Virginio City
Fallon
Lake Lahontan
Carson Lake
SIERRA NEVADA
PLACER
Lake Tahoe
Carson City
LYON
DOUGLAS
Minden
Yerington
Walker Lake
CHURCHILL
Austin
LANDER
EUREKA
Eureka
Ely
UTAH
TAHOE
EL DORADO
AMADOR
CALAVERAS
TUOLUMNE
ALPINE
WALKER RIVER
Topaz Reservoir
Hawthorne
Bridgeport Reservoir
CENTRAL GREAT BASIN
MINERAL
ESMERALDA
Tonopoh
Goldfield
NYE
Pioche
MONO
CALIFORNIA
LOWER COLORADO RIVER
LINCOLN
CLARK
Los Vegas
Lake Mead
ARIZONA
NEVADA SNOW COURSES
October 1947
25 0 25 50
SCALE IN MILES

INDEX TO SNOW COURSES

NUMBERS	NAME	ELEVATION
	SNAKE RIVER	
1.	Bear Creek	7,800
2.	Fox Creek	6,800
4.	76 Creek	7,100
5.	Gold Creek	6,600
6.	Big Bend	6,700
	OWYHEE RIVER	
1.	Lower Buckskin	6,700
2.	Upper Buckskin	7,200
3.	Martin Creek	6,700
4.	Granite Peak	7,800
5.	Gold Creek	6,600
6.	Big Bend	6.700
7.	Fry Canyon	6,700
8.	Rodeo Flat	6,800
9.	Lower Jack Creek	6,800
10.	Upper Jack Creek	7,250
11.	Tremewan Ranch	5,700
12.	Taylor Canyon	6,200
	UPPER HUMBOLDT RIVER	
1.	Bear Creek	7,800
2.	Fox Creek	6,800
4.	76 Creek	7,100
5.	Gold Creek	6,600
6.	Big Bend	6,700
7.	Fry Canyon	6,700
8.	Rodeo Flat	6,800
9.	Lower Jack Creek	6,800
10.	Upper Jack Creek	7,250
11.	Tremewan Ranch	5,700
12.	Taylor Canyon	6,200
13.	Lower Trout Creek	6,900
14.	Upper Trout Creek	8,500
15.	Dorsey Basin	8,100
16.	Ryan Ranch	5,800
17.	Dry Creek	6,500
18.	Lamoille #1	7,100
19.	Lamoille #2	7,300
20.	Lamoille #3	7,700
21.	Lamoille #4	8,000
22.	Lamoille #5	8,700
23.	Green Mountain	8,000
24.	Harrison Pass #1	6,600
25.	Harrison Pass #2	7,400
26.	Corral Canyon	8,500

NUMBERS	NAME	ELEVATION
	TRUCKEE BASIN	
1.(Cal.)	Granite Peak	8,200
2.(Cal.)	Independence Lake	8,450
3.(Cal.)	Webber Peak	8,000
4.(Cal.)	Donner Summit	6,900
5.(Cal.)	Ward Creek	7,000
6.(Cal.)	Webber Lake	7,000
7.(Cal.)	Sage Hen Creek	6,500
8.(Cal.)	Tahoe City	6,250
9.(Cal.)	Truckee #2	6,400
10.(Cal.)	Independence Creek	6,300
11.(Cal.)	Boca #2	5,900
12.(Cal.)	Furnace Flat	6,600
13.(Cal.)	Fordyce Lake	6,500
14.(Cal.)	Soda Springs	6,750
15.(Cal.)	Independence Camp	7,000
16.	Mt. Rose	9,000
17.(Cal.)	Truckee Ranger Station	6,000
18.(Cal.)	Donner Lake	5,950
19.	Big Meadows	8,800
20.	Little Valley	6,300
	LOWER COLORADO RIVER	
1.	Rainbow Canyon	7,800
2.	Kyle Canyon	8,200
3.	Lee Canyon #1	8,300
4.	Lee Canyon #2	9,000
5.	Rainbow Canyon #2	8,100
	EASTERN NEVADA	
1.	Cave Creek	7,000
2.	Hager Canyon	8,500
3.	Murray Summit	7,250
4.	Baker #1	7,950
5.	Baker #2	8,950
6.	Baker #3	9,250
7.	Berry Creek	9,100
8.	Bird Creek	7,500
	LOWER HUMBOLDT RIVER	
1.	Lower Buckskin	6,700
2.	Upper Buckskin	7,200
3.	Martin Creek	6,700
4.	Granite Peak	7,800
5.	Lamanoe Creek	6,600
6.	Midas	7,200
7.	Big Creek Camp Ground	6,000
8.	Big Creek Mine	7,000
9.	Upper Big Creek	8,000
10.	Lower Corral	7,500
11.	Upper Corral	8,500

NUMBERS	NAME	ELEVATION
	CARSON BASIN	
1.(Cal.)	Carson Pass	8,600
2.(Cal.)	Poison Flat	7,900
3.(Cal.)	Blue Lakes	8,000
	NORTHERN GREAT BASIN	
1.	Bald Mountain	6,720
2.	Mahogany Mountain	5,680
	WALKER BASIN	
1.(Cal.)	Center Mountain	9,400
2.(Cal.)	Sonora Pass	8,800
3.(Cal.)	Buckeye Forks	8,500
4.(Cal.)	Virginia Lakes	9,500
5.(Cal.)	Willow Flat	8,250
6.(Cal.)	Buckeye Roughs	7,900
7.(Cal.)	Leavitt Meadows	7,200
8.(Cal.)	Tioga Pass	9,900
	TAHOE BASIN	
1.(Cal.)	Lake Lucille	8,400
2.(Cal.)	Rubicon #1	8,100
3.(Cal.)	Hagans Meadow	8,000
4.(Cal.)	Freel Bench	7,300
5.(Cal.)	Ward Creek	7,000
7.(Cal.)	Upper Truckee	6,400
8.(Cal.)	Tahoe City	6,250
9.(Cal.)	Rubicon #2	7,500
10.(Cal.)	Rubicon #3	6,700
11.(Cal.)	Richardsons #2	6,500
12.(Cal.)	Echo Summit	7,500
13.	Marlette Lake	8,000
14.	Daggetts Pass	7,350
15.	Glenbrook #2	6,900
16.	Mt. Rose	9,000
	CENTRAL GREAT BASIN	
1.	Clark Canyon	9,000
2.	Trough Springs	8,500
3.(Cal.)	McAfee Forks	7,500
4.(Cal.)	Roberts Ranch	8,300
5.(Cal.)	Goat Springs	10,300
6.(Cal.)	Sage Hen Flats	10,500
7.(Cal.)	Ranger Station	9,500

TABLE OF CONTENTS

Table of Contents (Con't.)

Table of Contents (Con't.)

INTRODUCTION

This is the first complete summary of snow survey measurements prepared for Nevada. It is planned to publish an up-to-date summary every five years hereafter. Data given in this report were published in past snow surveys and irrigation water forecasts for Nevada. All past records have been rechecked and some few minor corrections have been made. Therefore, data included in this report should supersede any previously published figures not in agreement herewith. The majority of Nevada snow surveys are made on or near the first of March and April and published in the Nevada bulletin for those dates.

The Nevada snow survey program is highly cooperative with the following organizations contributing funds, services, facilities or data:

Federal:

- Soil Conservation Service
- Forest Service
- Bureau of Reclamation
- Fish and Wildlife Service
- Geological Survey
- Weather Bureau

State:

- Nevada State Engineer
- Nevada Agricultural Experiment Station
- California Cooperative Snow Surveys

Public Utilities:

- Sierra Pacific Power Company
- Wells Power Company
- Virginia City Water Company

Organized Public Agencies:

- Truckee-Carson Irrigation District
- Washoe County Water Conservation District
- Walker River Irrigation District

Private Organizations:

- Deep Springs School
- Kennecott Copper Corporation

The following tables are generally self-explanatory. Courses are described by locating by section, township, range, elevation, and number of samples. A definition of the following snow surveying terms may be useful to the reader:

Snow Course - A line or series of connecting lines along which snow samples are taken at regularly spaced points. The number of samples may be 10 or one course and as high as 20 or 30 on another. The spacing is usually 25, 50, or 100 feet between sample points. Each line is permanently marked at the end points with masonite signs attached to two inch iron pipe set in concrete, or to trees.

Snow Depth - The depth of snow measured, in inches, at a sampling point along a snow course.

Water Content - The amount of water, in inches, as determined by weighing a snow core at the sampling site.

Snow Survey - The measurement of snow depth and water content at each of the designated sampling points on a given snow course.

Average Snow Depth - The arithmetical mean of the snow depths of all samples along a snow course during any single survey.

Average Water Content - The arithmetical mean of the snow water contents of all samples along a snow course during any single survey.

For further information regarding snow surveying the reader is referred to the Bulletin "Snow Surveying", Miscellaneous Publication No. 380, U. S. Department of Agriculture.

SNAKE RIVER

1. Bear Creek Snow Course

Established in 1932 by Q. David Hansen and A. J. Shaver. Located on Humboldt National Forest in Sec. 31, T46N, R58E. Elevation 7800 feet. Course revised in 1947 to 14 samples at 100 feet. Surveys by District Forest Ranger, Jarbidge, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1932	3/9	52.1	13.0			
1933	3/7	42.8	13.1			
1934	3/2	45.3	13.4			
1935	3/2	46.0	13.8			
1936	2/27	67.1	21.6			
1937	3/3	45.5	15.5			
1938	3/4	53.5	16.5			
1939	3/8	56.8	16.3			
1940	3/6	50.0	15.4			
1941	3/4	47.9	13.8	3/31	46.8	14.1
1942	3/2	58.0	17.9	4/1	58.0	23.1
1943	2/25	59.2	22.1		No Survey	
1944	3/2	53.0	14.5		No Survey	
1945	3/3	58.2	13.8	4/4	77.8	21.0
1946	2/27	48.3	16.4	4/3	63.8	22.0
1947	2/24	42.0	12.6	3/28	45.5	15.0
1948	3/3	53.8	14.3	4/2	61.6	20.0
Ave.		59.6	15.5		58.9	19.2

Miscellaneous measurements 3/12/34 : 40.7 : 12.3

Above figures are for course as revised in 1947.

2. Fox Creek Snow Course

Established in 1932 by A.J. Shaver and Q. David Hansen. Located on Humboldt National Forest in Sec. 33, T46N, R58E. Elevation 6800 feet. 15 samples at 50 feet. Surveys by District Forest Ranger, Jarbidge, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1932	3/8	35.5	10.7			
1933	3/6	32.2	9.1			
1934	3/3	18.4	5.2			
1935	3/1	25.2	7.4	3/31	20.9	6.9
1936	2/28	44.2	13.6	4/3	41.9	15.9
1937	3/1	32.7	9.1	4/1	26.5	10.9
1938	3/1	24.6	7.2	4/1	32.0	10.6
1939	2/28	37.3	8.7	4/1	12.0	4.5
1940	3/1	20.4	5.7	4/1	11.0	3.5
1941	2/27	24.1	7.6	4/1	14.4	5.7
1942	3/3	34.1	9.8	4/2	25.9	8.5
1943	2/25	31.3	9.6		No	Survey
1944	3/1	34.5	9.5		No	Survey
1945	3/4	29.2	6.9	4/4	38.3	10.8
1946	2/26	31.3	9.4	4/1	27.9	8.6
1947	2/25	16.4	4.9	3/28	8.2	2.8
1948	3/3	29.7	8.0	4/2	26.7	7.6
Ave.		29.5	8.4		23.8	8.0

Miscellaneous measurements

3/11/34	15.6	5.0
5/1/35	7.8	1.9
5/1/36	T	T
4/30/37	13.7	4.0
5/1/38	0.0	0.0
5/1/39	0.0	0.0
5/1/40	0.0	0.0

4. 76 Creek Snow Course

Established July 13, 1945 by Houston and Work. Located on Humboldt National Forest in Sec. 6, T44N, R58E. Elevation 7100 feet. 12 samples at 50 feet. Surveys by District Forest Ranger, Gold Creek, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1946	3/8	42.5	13.3	4/1	43.3	15.2
1947	2/26	23.4	6.9	3/31	19.4	6.7
1948	3/2	37.5	9.0	4/3	39.9	11.3
Ave.		34.5	9.7		33.9	11.1

OWYHEE RIVER

5. Gold Creek Snow Course

Established in 1932 by A. Rohwer and A. J. Shaver. Located on Humboldt National Forest in Sec. 31, T45N, R56E. Elevation 6600 feet. 20 samples at 50 feet. Surveys by District Forest Ranger, Gold Creek, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1932	3/4	31.0	7.7			
1933	2/22	29.4	7.9			
1934	2/28	13.4	3.3			
1935	3/3	22.7	7.2	3/30	19.1	5.8
1936	2/27	35.9	11.2		No	Survey
1937	2/28	25.9	7.8		No	Survey
1938	3/4	16.3	4.8		No	Survey
1939	3/3	21.2	4.5		No	Survey
1940	3/1	14.4	4.7		No	Survey
1941	3/1	20.1	6.2	3/26	15.5	6.0
1942	3/3	28.0	8.1	3/31	23.1	7.7
1943	3/2	30.2	10.9	3/30	24.0	8.9
1944	2/29	17.8	4.0	4/2	11.3	3.5
1945	3/1	21.7	6.3	4/4	28.2	9.1
1946	3/7	28.2	7.3	4/6	19.6	5.5
1947	3/4	12.9	3.2	3/28	0.0	0.0
1948	2/29	13.9	4.9	4/4	16.3	5.8
Ave.		22.5	6.5		17.5	5.8

Miscellaneous measurements	5/1/35	0.0	0.0

6. Big Bend Snow Course

Established in 1919 by U. S. Forest Service. Located on Humboldt National Forest in Sec. 30, T45N, R56E. Elevation 6700 feet. 21 samples at 50 feet. Surveys by District Forest Ranger, Gold Creek, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1920				3/29	32.0	10.0
1921				3/17	32.0	12.1
1922					No Survey	
1923				3/26	23.6	7.6
1924				4/6	27.0	7.6
1925					No Survey	
1926				3/27	14.3	3.7
1927				3/23	34.7	11.5
1928				3/20	12.5	4.7
1929	3/4	28.0	8.7		No Survey	
1930	3/2	20.6	5.4		No Survey	
1931	3/6	21.6	5.6		No Survey	
1932	3/4	37.7	10.4		No Survey	
1933	2/22	35.5	9.7		No Survey	
1934	2/28	20.8	5.2		No Survey	
1935	3/3	30.0	9.4	3/29	29.2	8.9
1936	2/27	51.0	16.4	4/2	53.8	19.2
1937	2/28	33.2	9.4	4/2	29.8	10.5
1938	3/4	28.3	8.2	4/2	40.2	11.4
1939	3/3	32.3	7.2	4/4	19.3	3.4
1940	3/3	21.4	6.4	4/3	12.3	3.8
1941	3/1	29.4	9.9	3/26	25.7	9.7
1942	3/4	32.2	10.2	3/31	29.4	10.4
1943	3/2	43.3	16.3	3/30	38.3	15.3
1944	2/29	26.3	6.4	4/2	18.6	5.6
1945	3/1	28.3	8.1	4/4	40.4	12.1
1946	3/7	34.8	10.1	4/6	32.4	10.9
1947	3/4	20.6	5.3	3/28	10.2	3.6
1948	2/29	24.2	6.3	4/4	28.4	8.3
Ave.		30.0	8.7		27.8	9.1

Miscellaneous measurements

4/17/19	24.4	10.0
4/25/22	29.3	11.7
5/1/35	15.2	5.5
5/1/36	T	T
4/30/37	10.8	4.3
5/3/38	3.1	1.0
5/1/39	0.0	0.0
5/1/40	0.0	0.0

9. Lower Jack Creek Snow Course

Established in 1921 by U. S. Forest Service. Located on Humboldt National Forest in Sec. 18, T42N, R53E. Elevation 6800 feet. 12 samples at 50 feet. Surveys by District Forest Ranger, Mountain City, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1921				3/28	20.4	8.4
1922				3/22	25.0	8.1
1923				3/23	22.4	6.5
1924	3/14	20.6	6.2		No Survey	
1925		No Survey			No Survey	
1926		No Survey		3/18	14.5	5.2
1927		No Survey		3/19	25.8	7.6
1928	3/14	19.8	6.1		No Survey	
1929	3/4	24.0	8.8		No Survey	
1930	3/5	12.6	4.8		No Survey	
1931	3/6	12.7	4.2		No Survey	
1932		No Survey		3/21	22.4	7.4
1933	3/2	19.2	6.2		No Survey	
1934	3/1	17.1	4.3		No Survey	
1935	2/28	10.0	4.0		No Survey	
1936	2/26	22.4	8.2		No Survey	
1937	2/27	14.9	4.5		No Survey	
1938	2/28	7.3	2.4		No Survey	
1939	3/1	28.1	7.9		No Survey	
1940	2/29	4.2	1.3		No Survey	
1941	3/2	10.1	4.2	3/28	0.0	0.0
1942	2/27	20.8	6.7	4/3	9.0	4.3
1943	3/3	10.5	3.3	4/1	0.0	0.0
1944	3/12	15.9	4.8	4/4	0.0	0.0
1945	3/2	19.9	6.6	4/5	26.2	5.1
1946	3/2	15.8	5.2	4/4	8.3	3.1
1947	3/2	7.0	1.2	3/26	0.0	0.0
1948	3/2	10.9	2.8	4/3	14.2	4.7
Ave.		15.4	4.9		13.4	4.3

10. Upper Jack Creek Snow Course

Established in 1935 by J. C. Marr and A. Rohwer. Located on Humboldt National Forest in Sec. 9, T42N, R53E. Elevation 7250 feet. Course revised in 1947 to 18 samples at 50 feet. Surveys by District Forest Ranger, Mountain City, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1936	2/26	48.4	15.6			
1937	2/27	28.0	7.1			
1938	2/28	16.7	4.8			
1939	3/2	46.7	13.4			
1940	2/29	25.6	8.9			
1941	3/2	29.3	9.6	3/28	21.8	8.3
1942	2/27	36.6	12.1	4/3	26.1	11.3
1943	3/4	32.9	12.3	4/1	24.6	9.4
1944	3/12	30.1	9.6	4/4	20.1	7.4
1945	3/1	33.9	10.6	4/5	45.0	16.2
1946	3/1	31.7	10.1	4/4	32.9	12.6
1947	3/2	24.0	5.4	3/26	13.0	4.2
1948	3/2	33.8	7.3	4/3	37.1	11.6
Ave.		32.1	9.8		27.6	10.1

Above figures are for course as revised in 1947.

UPPER HUMBOLDT RIVER

7. Fry Canyon Snow Course

Established in 1934 by August Rohwer. Located on Humboldt National Forest in Sec. 31, T43N, R54E. Elevation 6700 feet. 13 samples at 25 feet. Surveys by District Forest Ranger, Mountain City, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1934	3/3	20.5	6.3			
1935	3/9	44.2	9.3			
1936	3/1	50.8	18.1			
1937	3/4	33.4	10.0			
1938	3/2	25.5	7.2			
1939	3/2	39.6	10.0			
1940	3/1	21.7	6.5			
1941	3/2	25.5	9.2	3/27	21.5	8.8
1942	2/28	31.9	10.5	4/4	22.9	9.0
1943	3/5	30.8	10.7	4/2	23.7	8.7
1944	3/3	32.8	8.2	4/5	23.3	6.5
1945	3/3	29.5	8.6	4/3	39.2	12.7
1946	3/1	31.4	8.8	4/2	30.8	9.7
1947	3/1	16.5	4.3	3/27	11.3	4.4
1948	3/1	16.3	5.0	4/5	23.2	7.9
Ave.		30.0	8.8		24.5	8.5

8. Rodeo Flat Snow Course

Established in 1934 by August Rohwer. Located on Humboldt National Forest in Sec. 36, T43N, R53E. Elevation 6800 feet. 17 samples at 25 feet. Surveys by District Forect Ranger, Mountain City, Nevada

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1934	3/2	24.6	8.1			
1935	3/9	43.2	10.4			
1936	3/1	46.4	18.8			
1937	3/5	29.4	8.6			
1938	3/2	20.9	6.5			
1939	2/28	45.3	11.0			
1940	3/1	24.6	7.5			
1941	3/2	29.5	10.5	3/27	22.9	9.1
1942	2/28	35.1	11.4	4/4	24.6	9.6
1943	3/5	30.9	12.5	4/2	26.2	10.6
1944	3/3	36.9	10.1	4/4	20.7	6.5
1945	3/2	31.5	10.0	4/3	40.8	13.8
1946	3/2	32.0	9.5	4/2	33.1	11.2
1947	3/1	16.6	4.7	3/27	11.6	4.2
1948	3/1	19.4	6.2	4/5	27.0	9.1
Ave.		31.1	9.7		25.9	9.3

11. Tremewan Ranch Snow Course

Established in 1932 by A. J. Shaver and A. Rohwer. Located in Sec. 9, T39N, R55E. Elevation 5700 feet. 10 samples at 50 feet. Surveys by District Forest Ranger, Gold Creek, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1932	3/1	22.4	5.0			
1933	2/24	17.3	7.0			
1934	3/1	0.0	0.0			
1935	2/26	4.7	2.8			
1936	2/26	15.9	5.5			
1937	3/6	16.9	4.9			
1938	3/1	0.0	0.0			
1939	2/27	12.1	2.4			
1940	2/28	0.0	0.0			
1941	2/28	8.8	3.2			
1942	3/1	14.4	4.1	4/2	0.7	0.5
1943	2/27	7.7	2.3	3/30	0.0	0.0
1944	3/1	10.9	2.9	4/4	0.0	0.0
1945	3/2	7.5	2.2	4/3	0.0	0.0
1946	3/7	7.2	2.5	4/1	0.0	0.0
1947	3/1	0.0	0.0	3/28	0.0	0.0
1948	3/1	0.0	0.0	4/3	0.0	0.0
Ave.		8.6	2.6		0.1	0.1

12. Taylor Canyon Snow Course

Established in 1935 by A. Rohwer and Q. David Hansen. Located in Sec. 35, T39N, R53E. Elevation 6200 feet. Course revised in 1947 to 15 samples at 50 feet. Surveys by District Forest Ranger, Mountain City, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1935	3/1	17.3	7.1			
1936	2/28	34.7	10.8			
1937	3/2	27.6	8.3			
1938	3/1	16.4	4.7			
1939	3/3	21.6	6.3			
1940	3/1	9.0	2.8			
1941	2/27	22.0	8.5	3/26	11.6	4.7
1942	3/1	24.5	7.0	4/5	13.8	6.5
1943	3/6	13.4	4.8	4/1	0.0	0.0
1944	3/2	18.7	4.1	4/4	0.0	0.0
1945	3/3	25.4	8.1	4/4	26.8	10.0
1946	3/3	22.3	7.3	4/5	12.9	4.3
1947	3/2	2.4	0.5	3/27	0.0	0.0
1948	3/3	4.8	1.3	4/3	2.5	0.5
Ave.		18.6	5.8		8.5	3.3

Above figures are for course as revised in 1947.

13. Lower Trout Creek Snow Course

Established in 1935 by L. E. McKenzie. Located on Humboldt National Forest in Sec. 28, T37N, R61E. Elevation 6900 feet. Course revised in 1947 to 10 samples at 100 feet. Surveys by Wells Power Company, Wells, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1935	3/2	19.6	5.4			
1936	3/6	27.4	8.8			
1937	3/9	25.9	8.6			
1938	3/1	17.4	6.4			
1939	3/10	17.7	5.1			
1940	3/7	16.3	7.5			
1941	3/3	16.3	6.7	3/31	0.0	0.0
1942	3/1	26.1	8.6		No	Survey
1943	3/7	15.0	4.7		No	Survey
1944	3/10	0.0	0.0		No	Survey
1945	3/5	23.0	6.7		No	Survey
1946		No	Survey	4/11	14.5	5.8
1947	2/28	8.5	1.8	4/8	0.0	0.0
1948		No	Survey		No	Survey
Ave.		17.8	5.9		4.8	1.9

Above figures are for course as revised in 1947.

14. Upper Trout Creek Snow Course

Established in 1935 by L. E. McKenzie. Located on Humboldt National Forest in Sec. 4, T36N, R61E. Elevation 8500 feet. Course revised in 1946 to 8 samples at 50 feet. Surveys by Wells Power Company, Wells, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1935	3/2	46.5	16.3			
1936	3/5	85.6	33.2			
1937	3/10	64.1	24.6			
1938	3/1	58.1	15.6			
1939	3/10	62.0	19.5			
1940	3/6	56.9	19.8			
1941	3/6	67.9	23.9	4/1	66.3	28.0
1942	3/1	60.6	21.1		No Survey	
1943	3/9	76.0	27.4		No Survey	
1944	3/10	43.9	13.5		No Survey	
1945	3/5	69.8	12.1		No Survey	
1946		No Survey		4/11	100.8	41.0
1947	2/28	34.6	10.8	4/8	61.0	21.5
1948	3/5	55.5	16.5		No Survey	
Ave.		60.1	19.6		76.0	30.2

Above figures are for course as revised in 1947.

15. Dorsey Basin Snow Course

Established in 1932 by L. E. McKenzie. Located on Humboldt National Forest in Sec. 28, T35N, R60E. Elevation 8100 feet. Course revised in 1947 to 9 samples at 100 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1932	3/7	35.6	12.2			
1933	3/8	32.3	9.6			
1934	3/4	41.3	11.1			
1935	3/3	32.0	10.1			
1936	3/8	59.7	20.4			
1937	3/3	37.8	10.7			
1938	2/28	31.2	6.3			
1939	3/2	40.9	8.2			
1940	3/3	47.1	11.4			
1941	3/2	44.1	9.8	3/30	40.9	15.3
1942	2/28	51.4	14.4	4/1	51.4	19.0
1943	3/1	47.4	10.8	4/1	44.0	17.4
1944	3/5	45.9	12.4		No Survey	
1945	2/28	45.5	10.3	4/5	86.1	21.1
1946	3/5	40.3	11.2	4/12	51.4	21.6
1947	3/13	38.9	4.9	4/2	19.3	6.4
1948	2/29	34.8	9.3	4/1	40.7	11.9
Ave.		41.5	10.8		47.7	16.1

Above figures are for course as revised in 1947.

16. Ryan Ranch Snow Course

Established in 1932 by L. E. McKenzie. Located in Sec. 1, T34N, R59E. Elevation 5800 feet. Course revised in 1947 to 10 samples at 100 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1932	3/9	18.4	5.5			
1933	3/7	13.4	4.0			
1934	3/3	0.0	0.0			
1935	3/3	0.0	0.0			
1936	3/6	8.6	3.5			
1937	3/5	12.4	4.6			
1938	3/1	4.4	1.3			
1939	3/1	7.1	1.5			
1940	3/1	1.6	0.5			
1941	3/3	1.1	0.4	3/30	0.0	0.0
1942	2/27	13.9	4.3	4/2	1.9	0.8
1943	2/28	3.4	0.8	4/1	0.0	0.0
1944	3/2	11.2	3.9		No Survey	
1945	2/25	10.6	3.3	3/31	8.6	3.1
1946	3/4	1.7	0.7	4/12	T	T
1947	3/1	0.0	0.0	4/1	0.0	0.0
1948	2/29	0.0	0.0	3/31	0.0	0.0
Ave.		6.3	2.0		1.5	0.6

Above figures are for course as revised in 1947.

17. Dry Creek Snow Course

Established in 1933 by L. E. McKenzie. Located on Humboldt National Forest in Sec. 5, T34N, R60E. Elevation 6500 feet. Course revised in 1947 to 13 samples at 100 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1933	3/6	24.9	7.5			
1934	3/4	3.8	1.1			
1935	3/3	12.1	4.5			
1936	3/7	27.7	10.5			
1937	3/4	29.4	9.5			
1938	2/28	17.8	5.8			
1939	3/2	15.8	3.5			
1940	3/3	11.7	2.9			
1941	3/2	19.3	6.3	3/31	8.4	2.9
1942	2/28	29.2	7.9	3/31	21.4	8.1
1943	3/1	13.2	4.7	4/1	0.0	0.0
1944	3/5	17.4	5.7		No Survey	
1945	2/28	18.9	5.9	4/5	26.8	10.5
1946	3/5	18.2	5.2	4/12	10.1	4.2
1947	3/1	No Survey		4/1	0.0	0.0
1948	2/29	5.1	1.8	3/31	4.8	1.8
Ave.		17.6	5.5		10.2	3.9

Above figures are for course as revised in 1947.

18. Lamoille #1 Snow Course

Established March 13, 1922 by U. S. Forest Service. Located on Humboldt National Forest in Sec. 15, T32N, R58E. Elevation 7100 feet. 11 samples at 50 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1922	3/13	42.2	12.8			
1923		No Survey		3/16	37.3	10.3
1924	3/14	31.5	8.1		No Survey	
1925	3/10	38.8	10.7		No Survey	
1926		No Survey		3/17	23.5	7.8
1927		No Survey		3/17	45.1	12.8
1928	3/5	27.1	6.3		No Survey	
1929		No Survey		3/21	22.9	7.0
1930	3/4	21.1	5.6		No Survey	
1931	2/28	25.1	5.0	4/6	13.5	4.6
1932	3/1	41.6	12.5		No Survey	
1933	3/1	28.3	8.7		No Survey	
1934	3/1	37.3	8.7		No Survey	
1935	2/25	30.9	7.6		No Survey	
1936	3/1	45.5	14.3	4/3	43.9	14.5
1937	3/2	38.3	10.3		No Survey	
1938	2/28	30.1	8.9	4/3	40.4	15.1
1939	3/1	29.6	8.6	4/2	7.0	2.2
1940	3/1	25.6	7.4	4/5	21.8	7.3
1941	2/26	28.1	10.2	3/30	26.4	7.1
1942	3/1	39.8	12.4	3/31	38.2	13.1
1943	3/1	33.5	11.7	4/1	26.4	10.7
1944	3/1	35.5	9.3	4/1	28.7	10.2
1945	3/1	38.1	10.5	4/4	51.0	17.4
1946	3/3	35.1	9.6	4/13	35.3	12.4
1947	3/3	26.9	7.7	3/31	10.8	4.0
1948	2/29	24.9	7.9	4/1	32.1	11.2
Ave.		32.8	9.3		29.7	9.9

Miscellaneous measurements

2/1/34	25.4	6.8
2/4/35	26.8	7.4
2/1/36	34.8	7.1
1/29/37	36.9	5.6
2/1/38	31.1	6.1
2/1/39	25.6	4.8
5/1/39	0.0	0.0
1/31/40	13.4	3.1
5/1/40	0.0	0.0
1/31/41	26.3	6.2
5/1/41	12.8	5.8

19. Lamoille #2 Snow Course

Established March 17, 1922 by U. S. Forest Service. Located on Humboldt National Forest in Sec. 14, T32N, R58E. Elevation 7200 feet. 13 samples at 50 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1922				3/17	42.3	12.9
1923				3/16	37.1	10.6
1924	3/15	40.2	8.9		No Survey	
1925	3/11	40.6	11.0		No Survey	
1926		No Survey		3/16	24.7	7.2
1927		No Survey		3/17	42.8	12.1
1928	3/6	28.1	7.4		No Survey	
1929		No Survey		3/20	24.9	5.6
1930	3/3	21.9	5.6		No Survey	
1931	2/28	22.6	4.5	4/6	13.9	4.8
1932	3/1	39.4	11.6		No Survey	
1933	2/28	28.3	8.1		No Survey	
1934	3/1	35.2	9.0		No Survey	
1935	2/27	26.9	7.5	4/1	27.2	8.5
1936	2/29	45.8	14.1	4/3	46.8	15.9
1937	3/3	36.0	10.5	4/3	40.1	12.9
1938	2/28	31.1	9.2	4/3	42.4	15.3
1939	3/4	37.2	9.4	4/1	11.9	4.5
1940	3/4	33.9	9.1	4/5	26.3	9.6
1941	3/1	28.0	9.4	3/30	25.3	8.4
1942	3/2	41.1	12.7	4/1	38.2	13.7
1943	3/1	38.3	12.0	4/2	31.8	10.8
1944	3/2	42.3	10.5	4/1	30.2	10.6
1945	3/3	41.5	10.3	4/5	49.8	15.0
1946	3/4	38.4	10.0	4/13	35.8	13.6
1947	3/3	22.0	7.1	3/31	7.5	2.9
1948	3/1	27.7	8.4	4/2	37.3	12.1
Ave.		33.9	9.4		31.8	10.4

Miscellaneous measurements

5/3/35	9.9	2.9
5/5/38	20.4	8.2
5/1/39	0.0	0.0
5/1/40	0.0	0.0
5/3/41	14.2	7.0

20. Lamoille #3 Snow Course

Established in 1935 by L. E. McKenzie. Located on Humboldt National Forest in Sec. 24, T32N, R58E. Elevation 7700 feet. 15 samples at 50 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1935	2/26	30.9	8.4	4/1	33.5	11.4
1936	2/28	56.2	17.4	4/4	61.0	17.2
1937	3/3	43.4	12.9	4/3	50.0	16.0
1938	2/28	36.0	10.7	4/1	49.6	17.0
1939	3/4	46.9	12.6	4/1	23.8	9.3
1940	3/4	42.5	11.8	4/5	36.0	14.3
1941	3/1	33.7	11.2	3/31	32.6	10.2
1942	3/2	42.8	13.3	4/1.	43.0	14.8
1943	3/2	44.2	13.7	4/2	39.2	13.5
1944	3/2	48.9	13.0	4/1	33.6	12.2
1945	3/3	49.7	12.4	4/5	58.5	17.6
1946	3/5	46.7	12.7	4/13	46.6	17.5
1947	3/3	31.5	9.3	3/31	18.4	7.0
1948	3/1	37.2	10.6	4/2	43.2	15.2
Ave.		42.2	12.1		40.6	13.8

Miscellaneous measurements			
	5/3/35	20.4	6.7
	5/5/38	28.0	11.4
	5/1/39	0.0	0.0
	5/1/40	0.0	0.0
	5/3/41	29.9	11.6

21. Lamoille #4 Snow Course

Established October 23, 1939 by C. Elges and G. Trescartes. Located on Humboldt National Forest in Sec. 19, T32N, R59E. Elevation 8000 feet. 11 samples at 50 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1940	3/3	52.0	14.7	4/6	49.4	18.5
1941	2/27	44.3	15.3	3/31	45.4	16.0
1942	3/2	56.3	18.5	4/1	51.8	19.6
1943	3/2	61.4	21.0	4/2	58.4	22.0
1944	3/3	55.4	16.1	4/2	46.8	17.1
1945		Course covered by avalanche				
1946	3/5	56.3	17.4	4/13	65.2	25.7
1947	3/3	45.6	16.0	3/31	35.4	13.5
1948	3/1	45.2	13.8	4/2	60.8	20.7
Ave.		52.1	16.6		51.7	19.1

Miscellaneous measurements			
	5/2/40	34.2	16.6
	5/1/41	50.5	22.3

22. Lamoille #5 Snow Course

Established in 1935 by L.E. McKenzie. Located on Humboldt National Forest in Sec.31, T32N, R59E. Elevation 7800 feet. Course revised in 1946 to 18 samples at 100 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1935	2/26	58.2	20.6			
1936	2/28	104.3	35.9			
1937	3/3	60.0	19.6			
1938	2/27	56.4	18.1	4/2	83.4	28.8
1939	3/3	71.7	22.3	4/2	53.5	20.7
1940	3/3	64.5	19.7	4/6	72.4	29.0
1941	2/28	67.3	21.7	3/31	65.3	24.1
1942	3/3	61.3	22.3	4/2	72.1	28.5
1943	3/2	80.6	30.7	4/2	79.3	34.0
1944	3/3	67.2	22.1	4/3	60.9	20.5
1945	3/4	69.5	21.4	4/6	76.3	24.5
1946	3/4	69.8	28.5	4/14	89.0	37.0
1947	3/3	66.5	22.4	4/1	61.8	23.6
1948	3/1	54.4	17.5	4/2	71.4	24.4
Ave.		68.0	23.1		71.4	26.8

Above figures are for course as revised in 1946.

23. Green Mountain Snow Course

Established in 1935 by Thomas and William Toyn. Located on Humboldt National Forest in Sec. 23, T29N, R57E. Elevation 8000 feet. 17 samples at 50 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1935	3/1	35.3	12.7			
1936	3/2	65.1	20.6			
1937	3/3	42.3	11.9			
1938	3/3	41.1	11.1			
1939	3/7	54.4	15.3			
1940	2/29	46.3	13.1			
1941	3/1	41.1	13.7	3/27	35.8	14.9
1942	3/5	44.0	14.1	4/2	41.8	15.8
1943	3/1	38.6	12.2	4/1	39.6	15.3
1944	3/6	46.0	12.6		No	Survey
1945	3/3	47.9	13.2	4/4	61.9	18.6
1946	3/2	40.8	12.8	4/12	39.5	15.1
1947	2/27	24.9	7.5	3/31	14.8	4.4
1948	3/9	33.5	9.5	3/31	46.7	14.1
Ave.		43.0	12.9		40.0	14.0

24. Harrison Pass #1 Snow Course

Established in 1919 by U. S. Forest Service. Located on Humboldt National Forest in Sec. 9, T28N, R57E. Elevation 6600 feet. 18 samples at 50 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1919				4/15	29.0	9.1
1920				3/29	27.6	8.6
1921	2/28	27.7	8.4		No Survey	
1922		No Survey			No Survey	
1923		No Survey		3/20	24.2	6.9
1924		No Survey		3/18	17.6	6.8
1925		No Survey		3/16	18.6	6.8
1926-1929		No Survey			No Survey	
1930	3/4	15.2	4.8		No Survey	
1931	3/1	13.7	4.4		No Survey	
1932	3/1	34.7	10.6		No Survey	
1933	3/1	24.8	6.5		No Survey	
1934	3/1	13.8	4.7		No Survey	
1935	3/4	18.5	4.9		No Survey	
1936	2/29	28.6	7.9		No Survey	
1937	3/1	23.6	5.2		No Survey	
1938	3/2	17.9	4.5		No Survey	
1939	3/9	21.8	5.1		No Survey	
1940	2/27	13.4	4.6		No Survey	
1941	2/27	16.6	5.4	3/26	9.1	3.4
1942	3/4	22.4	6.5	3/31	20.1	5.6
1943	3/2	10.8	2.3	3/29	0.0	0.0
1944	3/5	22.7	5.0		No Survey	
1945	3/2	20.8	5.9	4/1	24.3	7.6
1946	2/28	18.5	4.4	4/11	9.9	2.5
1947	2/28	10.5	2.4	3/30	0.0	0.0
1948	3/1	11.4	3.5	3/28	16.0	5.5
Ave.		19.4	5.4		16.4	5.2

Miscellaneous measurements 4/23/22 : 25.6 : 9.7

25. Harrison Pass #2 Snow Course

Established in 1930 by Fred Herz. Located on Humboldt National Forest in Sec. 16, T28N, R57E. Elevation 7400 feet. 17 samples at 50 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1930	3/4	20.0	5.9			
1931	3/1	16.3	4.4			
1932	3/1	37.3	10.5			
1933	3/1	23.8	7.2			
1934	3/1	18.3	4.7			
1935	3/2	21.8	5.3			
1936	3/1	30.0	8.1			
1937	3/2	27.1	5.6			
1938	3/2	20.6	5.5			
1939	3/9	21.5	5.3			
1940	2/28	16.6	4.9			
1941	2/28	21.1	6.0	3/26	13.9	4.9
1942	3/4	26.6	7.7	3/31	22.5	6.0
1943	3/2	12.4	2.6	3/29	0.0	0.0
1944	3/5	25.6	6.6		No Survey	
1945	3/2	23.1	6.9	4/1	34.4	10.9
1946	2/28	19.8	4.6	4/11	17.4	4.7
1947	2/28	11.1	2.5	3/30	0.0	0.0
1948	3/1	14.4	4.4	3/28	21.7	7.1
Ave.		21.4	5.7		15.7	4.8

26. Corral Canyon Snow Course

Established in 1935 by William and Thomas Toyn. Located on Humboldt National Forest in Sec. 27, T28N, R57E. Elevation 8500 feet. 15 samples at 50 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1935	3/3	45.8	9.3			
1936	3/4	56.3	16.5			
1937	3/5	43.8	8.1			
1938	3/5	44.4	11.3			
1939	3/8	62.3	16.1			
1940	3/5	51.0	14.4			
1941	3/4	49.0	13.2	3/25	49.9	16.2
1942	3/3	52.7	15.8	4/1	56.7	18.9
1943	2/28	55.1	15.8	3/30	63.9	21.8
1944	3/7	57.6	16.2		No	Survey
1945	3/4	67.3	18.1	4/5	81.3	27.3
1946	3/1	53.0	18.3	4/13	58.8	20.3
1947	2/26	45.5	14.5	4/1	41.8	14.8
1948	3/8	42.4	13.1	3/29	57.6	17.5
Ave.		51.9	14.3		58.6	19.5

LOWER HUMBOLDT RIVER

1. Lower Buckskin Snow Course

Established in 1932 by A. J. Shaver and Paul Travis. Located on Toiyabe National Forest in Sec. 25, T45N, R39E. Elevation 6700 feet. Course revised in 1947 to 12 samples at 50 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1932	3/4	27.1	11.2			
1933	3/3	27.0	8.3			
1934	3/4	19.9	5.9			
1935	3/6	28.8	8.7			
1936	3/5	31.7	10.3			
1937	3/2	26.7	8.8			
1938	3/3	29.1	8.5			
1939	3/3	30.3	7.2			
1940	3/1	19.9	6.6			
1941	3/2	26.6	8.5	3/27	17.6	6.3
1942	3/2	28.4	8.0	4/2	23.5	6.9
1943	2/28	29.3	10.4	3/31	21.8	9.2
1944		No Survey		3/26	26.0	9.0
1945	3/10	33.0	9.3	3/25	31.0	12.0
1946	3/4	29.5	8.1	4/8	20.8	6.6
1947		No Survey		4/1	0.0	0.0
1948	2/27	21.7	7.8	4/2	30.2	10.2
Ave.		27.3	8.5		21.4	7.5

Above figures are for course as revised in 1947

2. Upper Buckskin Snow Course

Established in 1932 by Paul Travis and A. J. Shaver. Located on Toiyabe National Forest in Sec. 11, T45N, R39E. Elevation 7200 feet. Course revised in 1947 to 10 samples at 50 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1932	3/3	33.9	14.4			
1933	3/2	22.3	7.4			
1934	3/3	30.6	6.9			
1935	3/5	24.3	7.8			
1936	3/4	41.0	15.1	4/3	34.0	15.2
1937	3/1	21.4	7.6	3/31	24.1	8.8
1938	3/2	22.8	7.1	4/1	45.2	17.9
1939	3/1	26.2	8.4	4/1	10.0	4.0
1940	2/29	27.3	10.7	3/31	23.3	8.9
1941	3/1	35.9	13.5	3/27	30.2	12.5
1942	3/2	33.6	11.1	4/2	31.6	11.6
1943	2/28	38.0	15.4	3/31	36.6	17.1
1944		No	Survey	3/27	32.3	12.2
1945	3/10	35.0	15.3	3/25	40.9	15.1
1946	3/4	21.4	6.8	4/8	24.5	9.1
1947	3/1	No	Survey	4/1	4.1	1.4
1948	2/26	21.5	8.2	4/3	30.6	10.4
Ave.		29.0	10.4		28.3	11.1

Above figures are for course as revised in 1947.

3. Martin Creek Snow Course

Established in 1932 by A. J. Shaver and Paul Travis. Located on Toiyabe National Forest in Sec. 18, T44N, R40E. Elevation 6700 feet. Course revised in 1946 to 12 samples at 50 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1932	3/4	33.3	13.3			
1933	3/1	20.0	6.5			
1934	3/2	20.9	6.4			
1935	3/7	30.2	7.9			
1936	3/3	30.5	9.4			
1937	2/28	23.4	7.0			
1938	3/1	30.0	8.9			
1939	3/4	29.2	6.3			
1940	2/28	24.3	7.9			
1941	2/28	28.6	9.0	3/29	21.6	8.1
1942	3/3	33.3	9.5	3/31	28.9	9.8
1943	3/1	31.7	11.9	4/2	21.3	8.4
1944	2/23	29.8	4.3	3/24	26.4	8.4
1945	3/1	26.4	8.1	3/27	43.0	13.4
1946	3/3	30.5	7.2	4/7	26.7	7.8
1947	2/28	10.8	3.8	3/31	2.4	1.1
1948	2/28	18.1	6.8	4/1	28.1	9.7
Ave.		26.5	7.9		24.8	8.3

Above figures are for course as revised in 1946.

4. Granite Peak Snow Course

Established in 1932 by Paul Travis and A. J. Shaver. Located on Toiyabe National Forest in Sec. 22, T44N, R39E. Elevation 7800 feet. Course revised in 1946 to 11 samples at 50 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1932	3/2	41.3	16.5			
1933	3/1	12.6	4.5			
1934	3/5	19.0	5.2			
1935	3/8	31.9	7.8			
1936	3/3	28.7	9.1	4/2	27.2	9.4
1937	3/3	15.0	4.4		No Survey	
1938	3/4	38.4	12.3		No Survey	
1939	3/5	27.5	6.8		No Survey	
1940	3/3	37.5	12.6		No Survey	
1941	3/3	43.7	14.6	3/30	41.6	15.1
1942	3/4	34.6	11.0	4/1	32.2	11.0
1943	3/2	44.5	16.3	4/3	41.1	16.3
1944	2/24	32.9	7.3	3/24	32.5	11.5
1945	3/2	38.6	9.5	4/5	32.5	9.3
1946	3/3	37.5	11.2	4/6	46.6	16.6
1947	2/28	19.5	6.8	3/30	19.0	7.2
1948	2/28	18.7	6.4	4/1	32.9	9.7
Ave.		30.7	9.5		34.0	11.8

Above figures are for course as revised in 1946.

5. Lamance Creek Snow Course

Established in 1932 by A. J. Shaver and Paul Travis. Located on Toiyabe National Forest in Sec. 13, T42N, R38E. Elevation 6000 feet. 24 samples at 50 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1932	2/26	49.4	16.6			
1933	2/25	35.3	11.7			
1934	3/1	23.3	6.6			
1935	3/1	23.1	7.1			
1936	2/29	55.6	19.0			
1937	2/26	34.8	11.0			
1938	2/26	26.4	6.9			
1939	2/26	31.0	8.7			
1940	2/27	29.0	9.9			
1941	2/26	34.6	12.0			
1942	2/26	33.0	10.4			
1943	2/24	37.7	13.6			
1944	2/25	35.8	7.0			
1945	2/27	33.0	9.6	4/4	26.6	9.0
1946	3/5	30.9	10.3	4/5	24.7	9.4
1947	2/28	No	Survey	3/30	0.0	0.0
1948	2/25	9.7	3.8	4/4	16.3	5.3
Ave.		32.7	10.3		16.9	5.9

6. Midas Snow Course

Established October 20, 1939 by Odell, Trescartes, and Elges. Located in Sec. 18, T39N, R46E. Elevation 7200 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1940	3/4	13.8	5.2			
1941	2/28	18.7	7.3	4.1	1.8	0.8
1942	3/1	29.1	9.2	4/1	5.3	0.8
1943	3/6	15.4	5.2	3/29	0.8	0.3
1944	3/4	22.3	4.8	4/4	3.0	0.9
1945	3/12	22.7	7.9	4/4	26.8	10.2
1946	3/8	16.8	5.2	4/1	4.7	1.2
1947	3/2	T	T	4/1	0.0	0.0
1948	3/1	0.0	0.0	4/1	2.6	1.4
Ave.		15.4	5.0		5.6	2.0

Miscellaneous measurements 1/22/46 : 26.4 : 9.2

7. Big Creek Camp Ground Snow Course

Established May 26, 1941 by Elges, Sevy, and Jeppesen. Located on Toiyabe National Forest in Sec. 10, T17N, R43E. Elevation 6600 feet. 10 samples at 25 feet. Surveys by District Forest Ranger, Austin, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1942	2/27	17.5	4.7	3/31	4.3	1.6
1943	2/25	T	T	3/31	0.0	0.0
1944	3/11	11.9	2.0	4/5	1.0	T
1945	3/3	19.9	4.6	4/3	20.3	7.1
1946	3/6	T	T	4/4	9.6	1.9
1947	2/27	4.3	1.2	3/28	0.0	0.0
1948	2/27	0.0	0.0	3/28	10.6	3.5
Ave.		7.7	1.8		6.5	2.0

8. Big Creek Mine Snow Course

Established May 26, 1941, by Elges, Sevy and Jeppesen. Located on Toiyabe National Forest in Sec. 23, T17N, R43E. Elevation 7600 feet. 12 samples at 25 feet. Surveys by District Forest Ranger, Austin, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1942	2/27	19.9	4.9	3/31	21.1	5.0
1943	2/25	4.8	1.0	3/31	0.0	0.0
1944	3/11	4.6	1.4	4/5	2.0	T
1945	3/3	16.5	5.1	4/12	31.8	9.8
1946	3/6	11.2	3.5	4/4	25.1	7.1
1947	2/27	12.6	3.3	3/28	0.0	0.0
1948	2/27	10.5	3.3	3/26	18.9	5.1
Ave.		11.4	3.2		14.1	3.9

[illegible]

[illegible]

[illegible]

[illegible]

9. Upper Big Creek Snow Course

Established May 26, 1941, by Elges, Sevy, and Jeppesen. Located on Toiyabe National Forest in Sec. 26, T17N, R43E. Elevation 7800 feet. 14 samples at 25 feet. Surveys by District Forest Ranger, Austin, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1942	2/27	31.4	6.6	3/31	31.6	8.8
1943	2/25	13.1	3.4	3/31	16.3	6.2
1944	3/11	26.1	7.3	4/5	24.4	7.2
1945	3/3	39.4	8.7	3/12	49.3	12.9
1946	3/6	29.8	9.5	4/4	51.1	16.1
1947	2/27	31.0	9.0	3/28	21.0	6.2
1948	2/27	24.3	7.2	3/26	38.8	10.5
Ave.		27.9	7.4		33.2	9.7

10. Lower Corral Snow Course

Established May 27, 1941, by Jeppesen and Elges. Located on Toiyabe National Forest in Sec. 12, T11N, R40E. Elevation 7500 feet. 14 samples at 25 feet. Surveys by District Forest Ranger, Tonopah, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1942	3/2	9.8	3.0	4/1	0.0	0.0
1943	2/26	6.8	2.7	3/30	0.0	0.0
1944	3/9	13.4	3.9	4/4	0.0	0.0
1945	3/2	11.9	3.5	4/2	19.0	7.5
1946	3/5	0.0	0.0	4/2	15.9	3.3
1947	3/1	0.0	0.0	3/30	0.0	0.0
1948	2/26	8.0	2.6	3/25	14.4	3.9
Ave.		7.1	2.2		7.0	2.1

11. Upper Corral Snow Course

Established May 27, 1941 by Jeppesen and Elges. Located on Toiyabe National Forest in Sec. 20, T11N, R41E. Elevation 8000 feet. 14 samples at 25 feet. Surveys by District Forest Ranger, Tonopah, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1942	3/1	19.0	5.0	4/1	11.5	4.0
1943	2/26	16.9	5.4	3/30	8.5	3.6
1944	3/9	31.7	9.8	4/4	17.3	5.1
1945	3/2	26.0	6.9	4/2	36.1	11.7
1946	3/5	16.6	4.6	4/3	33.8	9.2
1947	3/1	19.8	6.5	3/30	0.0	0.0
1948	2/26	20.4	6.7	3/25	33.0	8.7
Ave.		21.5	6.4		20.0	6.0

EASTERN NEVADA

1. Cave Creek Snow Course

Established October 30, 1939 by H. Dill and C. Elges. Located on Humboldt National Forest in Sec. 25, T27N, R57E. Elevation 7000 feet. 12 samples at 25 feet. Surveys by Ruby Lake National Wildlife Refuge, Ruby Valley, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1940	3/4	45.3	16.9	4/9	24.3	12.4
1941		No Survey		4/8	28.9	11.9
1942	3/9	40.6	16.2	4/7	36.3	16.6
1943	3/9	38.3	14.6	4/12	19.1	8.8
1944		No Survey			No Survey	
1945	3/7	49.5	15.5	4/3	58.7	20.0
1946	3/8	40.4	15.7	4/3	42.1	15.9
1947	3/3	29.9	11.1	4/8	19.8	6.8
1948	3/1	21.1	7.3	4/1	38.3	14.5
Ave.		37.9	13.9		33.4	13.4

2. Hager Canyon Snow Course

Established October 30, 1939 by H. Dill and C. Elges. Located on Humboldt National Forest in Sec. 34, T27N, R57E. Elevation 8500 feet. 11 samples at 50 feet. Surveys by Ruby Lake National Wildlife Refuge, Ruby Valley, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1940	3/4	52.2	19.3	4/9	43.7	19.2
1941	3/4	47.5	14.8	4/8	41.0	15.6
1942	3/9	55.3	21.0	4/7	51.5	23.5
1943	3/9	52.3	19.1	4/12	39.4	17.1
1944		No Survey			No Survey	
1945	3/7	59.5	17.0	4/3	73.9	23.4
1946	3/8	49.7	17.9	4/3	57.4	22.0
1947	3/3	39.1	14.5	4/8	35.8	11.9
1948	3/1	23.5	7.6	4/1	53.0	18.0
Ave.		47.4	16.4		49.5	18.8

3. Murray Summit Snow Course

Established August 12, 1936 by E. Hill and C. Elges. Located on Nevada National Forest in Sec. 25, T18N, R62E. Elevation 7250 feet. Course revised in 1947 to 10 samples at 100 feet. Surveys by District Forest Ranger, Ely, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1937	3/1	25.0	6.4	4/1	12.8	5.1
1938	2/28	13.8	2.8	4/1	6.4	2.3
1939	3/3	15.1	2.3		No Survey	
1940	3/2	11.1	3.2	4/1	6.1	0.4
1941	3/1	12.3	4.3	4/1	6.8	4.8
1942	3/2	15.0	3.8	4/2	7.7	2.8
1943	3/1	14.8	5.0	4/1	0.0	0.0
1944	3/1	22.0	5.3	4/1	14.9	5.6
1945	3/1	15.5	4.9	4/4	16.9	5.8
1946	3/4	11.7	3.4	4/2	12.1	3.0
1947	2/27	10.3	4.3	4/2	0.0	0.0
1948	2/27	5.3	1.5	3/29	14.3	4.2
Ave.		14.3	3.9		8.9	3.1

Miscellaneous measurements

1/2/37	22.2	2.9
2/1/37	25.1	4.8
1/3/38	5.1	0.7
1/31/38	6.1	0.9
2/2/39	14.7	2.4
1/1/40	0.0	0.0
2/2/40	9.7	2.4
1/3/41	8.2	0.5
2/1/41	12.8	2.9
1/2/42	11.8	2.0
2/2/42	12.9	3.2
2/1/43	16.5	3.7
1/3/44	12.9	2.1
2/1/44	13.1	2.9
1/2/45	13.1	3.0
2/1/45	14.6	3.4
1/2/46	9.8	1.6
2/1/46	13.9	2.6

Above figures for course as revised in 1947.

4. Baker Creek #1 Snow Course

Established in 1941 by C. Elges and R. Thomson. Located on Nevada National Forest in Sec. 29, T13N, R69E. Elevation 7950 feet. 8 samples at 50 feet. Surveys by District Forest Ranger, Baker, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1942	3/2	20.3	5.3	4/1	16.8	2.9
1943	3/1	20.4	6.0	4/1	12.8	5.6
1944	3/5	35.5	10.0	4/1	24.5	7.2
1945	3/1	36.5	7.9	3/31	34.4	10.1
1946	3/1	14.2	3.2	4/2	18.1	5.3
1947	2/26	21.1	5.6	4/1	5.5	2.1
1948	3/2	30.6	4.8	3/26	31.8	8.9
Ave.		25.5	6.1		20.6	6.0

5. Baker Creek #2 Snow Course

Established in 1941 by C. Elges and R. Thomson. Located on Nevada National Forest in Sec. 30, T13N, R69E. Elevation 8950 feet. 8 samples at 50 feet. Surveys by District Forest Ranger, Baker, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1942	3/2	56.0	15.6	4/1	54.0	17.6
1943	3/1	49.3	12.8	4/1	48.6	16.2
1944	3/4	67.0	34.5	4/1	59.9	20.5
1945	3/1	64.9	14.5	3/31	69.5	23.1
1946	3/1	34.1	9.6	4/2	52.2	14.5
1947	2/26	51.4	18.3	4/1	52.9	19.8
1948	3/2	50.1	11.1	3/26	64.3	17.0
Ave.		53.3	16.6		57.3	18.4

6. Baker Creek #3 Snow Course

Established in 1941 by C. Elges and R. Thomson. Located on Nevada National Forest in Sec. 25, T13N, R68E. Elevation 9250 feet. 8 samples at 50 feet. Surveys by District Forest Ranger, Baker, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1942				4/1	61.5	21.3
1943	3/1	48.0	13.0	4/1	47.9	16.9
1944		No	Survey	4/1	67.0	22.5
1945		No	Survey	3/31	78.6	26.4
1946	3/1	34.1	9.2	4/2	55.1	15.1
1947	2/26	61.7	22.2	4/1	60.6	22.4
1948	3/2	54.2	13.4	3/26	57.9	14.4
Ave.		49.5	14.5		61.2	19.9

7. Berry Creek Snow Course

Established September 12, 1947 by Inwood, Pescio and Houston. Located on Nevada National Forest in Sec. 26, T17N, R65E. Elevation 9100 feet. 11 samples at 25 feet. Surveys by Kennecott Copper Corp., McGill, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1948	3/1	38.4	8.3	3/29	51.4	14.2
Miscellaneous measurements				5/3/48	39.6	13.8

8. Bird Creek Snow Course

Established September 12, 1947 by Pescio and Houston. Located on Nevada National Forest in Sec.34, T19N, R65E. Elevation 7500 feet. 11 samples at 25 feet. Surveys by Kennecott Copper Corp., McGill, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1948	3/1	17.9	3.5	3/29	23.5	6.8
Miscellaneous measurements				5/3/48	0.0	0.0

LOWER COLORADO RIVER

1. Rainbow Canyon Snow Course

Established November 21, 1941 by R. Griffith and C. Elges. Located on Nevada National Forest in Sec. 31, T19S, R57E. Elevation 7800 feet. 13 samples at 25 feet. Surveys by District Forest Ranger, Las Vegas, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1941	3/5	70.9	22.4	3/27	58.0	21.4
1942	3/1	33.2	10.5	3/26	30.9	11.0
1943	2/28	50.7	16.7	4/13	42.3	15.0
1944	3/3	50.7	12.2	3/30	34.2	11.2
1945	2/26	31.8	9.5	3/30	47.9	16.0
1946	3/4	21.4	7.1	3/30	21.5	7.7
1947	3/1	29.2	9.9	3/31	16.5	6.4
1948	2/28	26.3	8.6	3/28	38.1	12.6
Ave.		39.3	12.1		36.2	12.7

2. Kyle Canyon Snow Course

Established November 21, 1941 by R. Griffith and C. Elges. Located on Nevada National Forest in Sec. 26, T19S, R56E. Elevation 8200 feet. 17 samples at 25 feet. Surveys by District Forest Ranger, Las Vegas, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1941	3/3	60.0	18.9	3/28	51.4	18.5
1942	3/1	28.2	8.8	3/27	26.3	9.5
1943	2/28	47.6	15.7		No	Survey
1944	3/2	53.4	12.9	3/30	29.3	13.0
1945	2/26	33.9	9.9	3/30	48.6	15.7
1946	2/28	19.8	6.3	3/31	31.6	8.3
1947	3/1	26.7	8.9	3/31	7.5	2.8
1948	2/28	21.8	7.6	3/27	32.7	10.5
Ave.		36.4	11.1		32.5	11.2

3. Lee Canyon #1 Snow Course

Established in 1941 by J. J. McNutt. Located on Nevada National Forest in Sec. 10, T19S, R56E. Elevation 8300 feet. 9 samples at 25 feet. Surveys by District Forest Ranger, Las Vegas, Nevada

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1941	3/6	56.1	16.5	3/26	47.6	16.3
1942	3/7	26.1	7.8	3/29	33.1	11.3
1943	3/4	43.5	13.9	4/14	23.6	7.3
1944	3/8	37.9	9.3	4/1	24.3	7.6
1945	3/4	51.5	13.6	3/27	51.1	15.6
1946	3/1	13.3	4.4	4/1	26.6	7.7
1947	3/5	19.9	7.5	3/27	11.3	4.8
1948	2/27	21.5	7.7	3/28	28.2	9.4
Ave.		33.7	10.1		30.7	10.0

4. Lee Canyon #2 Snow Course

Established in 1941 by J. J. McNutt. Located on Nevada National Forest in Sec. 9, T19S, R56E. Elevation 9000 feet. 13 samples at 25 feet. Surveys by District Forest Ranger, Las Vegas, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1941	3/7	68.7	20.6	3/26	61.2	20.8
1942	3/8	32.5	9.9	3/30	44.8	15.2
1943	3/5	54.4	17.4		No Survey	
1944	3/8	39.5	8.9	4/1	24.2	7.7
1945	3/3	48.7	13.3	3/28	49.2	15.2
1946	3/2	21.0	6.3	4/1	35.5	9.7
1947	3/6	29.1	9.1	3/27	18.9	5.2
1948	2/26	26.8	6.1	3/29	31.5	8.0
Ave.		40.1	11.5		37.9	11.7

5. Rainbow Canyon #2 Snow Course

Established September 12, 1946 by Bedel, Hoffman, and Houston. Located on Nevada National Forest in Sec. 6, T20S, R57E. Elevation 8100 feet. Surveys by District Forest Ranger, Las Vegas, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1947	3/1	42.3	15.0	3/31	30.3	12.3
1948	2/28	35.9	10.7	3/28	48.8	14.8
Ave.		39.1	12.9		39.6	13.6

CENTRAL GREAT BASIN

1. Clark Canyon Snow Course

Established March 28, 1945 by H. C. Hoffman. Located on Nevada National Forest in Sec. 8, T19S, R56E. Elevation 9000 feet. 13 samples at 25 feet. Surveys by District Forest Ranger, Las Vegas, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1945				3/28	46.3	14.3
1946	3/2	16.4	4.9	4/1	28.8	8.3
1947	3/6	24.8	7.6	3/27	15.4	5.2
1948	2/26	23.4	7.2	3/29	27.7	8.1
Ave.		21.5	6.6		29.6	9.0

2. Trough Springs Snow Course

Established December 6, 1945 by Houston and Jameson. Located on Nevada National Forest in Sec. 23, T18N, R55E. Elevation 8500 feet. Surveys by District Forest Ranger, Las Vegas, Nevada.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1946	2/27	14.3	4.3	3/29	20.6	6.8
1947	2/28	13.9	4.9	3/26	3.2	1.6
1948	2/25	20.0	6.2	3/30	21.0	7.2
Ave.		16.1	5.1		14.9	5.2

3. McAfee Forks Snow Course

Established October 7, 1947 by C. Houston and L. Sawyer. Located on Inyo National Forest in Sec. 1, T4S, R34E. Elevation 7500 feet. 10 samples at 25 feet. Surveys by private party.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1948	2/29	13.5	4.2	4/3	0.0	0.0

4. Roberts Ranch Snow Course

Established November 3, 1945 by Deep Springs School. Located on Inyo National Forest in Sec. 11, T6S, R35E. Elevation 8300 feet. 32 samples at 50 feet. Surveys by Deep Springs School, Deep Springs, California.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1946	3/16	0.0	0.0	4/1	9.2	2.1
1947		No Survey			No Survey	
1948	3/1	0.0	0.0	3/27	0.0	0.0
Ave.		0.0	0.0		4.6	1.1

Miscellaneous measurements 2/1/47 : 0.0 : 0.0

5. Goat Spring Snow Course

Established November 3, 1945 by Deep Springs School. Located on Inyo National Forest in Sec. 13, T6S, R34E. Elevation 10,300 feet. 25 samples at 50 feet. Surveys by Deep Springs School, Deep Springs, California.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1946	3/16	8.2	2.1	4/1	20.2	5.4
1947		No Survey			No Survey	
1948	3/1	5.8	0.1	3/27	0.0	0.0
Ave.		7.0	1.1		10.1	2.7

Miscellaneous measurements 2/1/47 : 28.0 : 7.7

6. Sage Hen Flat Snow Course

Established November 3, 1945 by Deep Springs School. Located on Inyo National Forest in Sec. 29, T5S, R35E. Elevation 10,500 feet. 28 samples at 50 feet. Surveys by Deep Springs School, Deep Springs, California.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1946	3/17	10.9	3.2	4/2	22.5	5.5
1947		No Survey			No Survey	
1948	3/2	7.7	0.2	3/27	6.8	1.8
Ave.		9.3	1.7		14.7	3.7

Miscellaneous measurements 2/2/47 : 29.1 : 10.3

7. Ranger Station Snow Course

Established November 4, 1945 by Deep Springs School. Located on Inyo National Forest in Sec. 14, T5S, R35E. Elevation 9500 feet. 27 samples at 50 feet. Surveys by Deep Springs School, Deep Springs, California.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1946	3/17	0.0	0.0	4/3	11.6	2.5
1947		No Survey			No Survey	
1948	3/2	8.1	0.9	3/27	3.1	0.9
Ave.		4.1	0.5		7.4	1.7

Miscellaneous measurements 2/3/47 : 27.9 : 7.9

NORTHERN GREAT BASIN

1. Bald Mountain Snow Course

Established September 27, 1939, by Childreth and Work. Located on Sheldon National Antelope Refuge in Sec. 17, T45N, R21E. Elevation 6720 feet. 22 samples at 50 feet. Surveys by Sheldon National Antelope Refuge, Cedarville, California.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1940	2/26	12.6	2.9	3/27	3.8	1.1
1941	2/27	21.6	5.9	3/28	11.6	3.8
1942	3/2	23.2	6.2	4/2	14.6	4.5
1943	3/1	21.0	7.7	4/1	11.2	4.3
1944	2/29	22.7	3.4	4/1	0.0	0.0
1945	2/27	13.3	3.3	4/1	15.9	5.1
1946	2/28	10.7	3.1	4/1	T	T
1947	2/28	5.0	0.6	3/31	0.0	0.0
1948	3/1	0.0	0.0	4/1	6.8	2.2
Ave.		14.5	3.7		7.1	2.3

LAKE TAHOE

1. Lake Lucille Snow Course

Established in 1913, by A. Smith and J. E. Church. Located in California on El Dorado National Forest in Sec. 28, T12N, R17E. Elevation 8400 feet. Course revised in 1947 to 15 samples at at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	April 1			April 1 (con't.)		
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1913	4/1	---	38.1	1931	3/30	80.2	32.3
1914	4/1	---	74.1	1932	4/2	155.6	68.4
1915		No Survey		1933	4/1	117.1	45.3
1916	4/1	163.5	77.3	1934	4/1	68.5	30.8
1917	4/1	---	67.5	1935	3/31	133.1	50.8
1918	4/16	127.2	50.7	1936	4/3	222.4	85.5
1919	4/13	134.6	54.8	1937	4/4	159.1	57.9
1920	4/2	118.2	42.2	1938	4/2	198.5	81.9
1921	3/28	174.8	72.2	1939	4/3	102.5	41.7
1922	4/1	188.3	70.4	1940	4/1	197.2	70.7
1923	3/30	111.9	51.1	1941	4/1	160.7	66.9
1924	4/1	81.3	28.5	1942	3/29	144.4	62.8
1925	4/1	153.5	60.5	1943	3/28	181.8	78.5
1926	4/4	91.7	34.9	1944	4/2	94.8	40.5
1927	4/1	205.0	76.2	1945	4/3	159.6	62.6
1928	4/4	143.9	50.5	1946	4/14	156.5	66.2
1929	4/1	92.6	37.1	1947	3/29	119.6	49.3
1930	4/1	108.9	44.1	1948	4/1	128.0	43.8
Ave.						139.8	56.2

Miscellaneous measurements			
	4/28/15	---	40.0
	3/3/43	167.8	67.5
	5/2/43	151.9	75.5
	4/30/44	103.5	49.3
	2/28/48	88.5	28.8

Above figures are for course as revised in 1947.

2. Rubicon #1 Snow Course

Established in 1910, by J. E. Church and A. Smith. Located in California on El Dorado National Forest in Sec. 6, T13N, R17E. Elevation 8100 feet. Course revised in 1947 to 9 samples at 25 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	April 1				April 1 (con't.)			
Year	Date	Snow In.	Water In.		Year	Date	Snow In.	Water In.
1910	4/1	---	39.9		1930	4/9	99.1	37.9
1911	4/1	---	82.9		1931	4/2	67.0	23.2
1912	4/1	72.3	24.4		1932	4/7	150.0	65.1
1913	4/1	---	32.7		1933	3/31	111.4	41.4
1914		No	Survey		1934	4/2	65.7	27.2
1915		No	Survey		1935	3/31	127.5	44.7
1916	4/1	174.1	67.6		1936	3/28	151.6	58.6
1917	4/19	---	59.1		1937	4/5	147.4	54.2
1918	4/20	119.0	42.5		1938	4/3	181.8	70.7
1919	4/1	108.8	41.8		1939	4/2	92.3	36.0
1920	4/4	98.1	33.3		1940	4/7	159.4	60.2
1921	3/30	124.8	47.1		1941	3/30	127.4	44.9
1922	4/1	170.3	58.1		1942	3/28	128.4	52.1
1923	3/31	117.2	46.3		1943	4/4	154.7	64.3
1924	4/1	66.1	22.4		1944	4/2	92.3	33.6
1925	4/1	120.9	41.5		1945		No	Survey
1926	3/30	78.1	25.9		1946	4/6	133.8	49.9
1927		No	Survey		1947	3/29	114.7	41.8
1928		No	Survey		1948	3/28	109.5	26.1
1929		No	Survey					
Ave.							119.4	45.4

Miscellaneous measurements

5/2/14	---	68.4
5/5/15	---	38.7
6/2/17	101.6	47.6
4/17/35	154.6	53.1
3/5/39	91.6	32.4
5/2/43	131.7	64.1

Above figures are for course as revised in 1947.

3. Hagans Meadow Snow Course

Established in 1916, by J. E. Church. Located in California on El Dorado National Forest in Sec. 36, T12N, R18E. Elevation 8000 feet. Course revised in 1948 to 15 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	April 1			April 1 (con't.)			
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1916	4/1	---	19.7	1933	3/30	44.0	17.6
1917	4/1	---	24.0	1934	3/30	0.0	0.0
1918	4/12	35.7	14.9	1935	3/29	42.5	17.0
1919		No	Survey	1936	3/27	55.4	26.4
1920	3/31	43.7	13.7	1937	4/1	56.4	22.8
1921	3/25	52.5	20.1	1938	3/31	86.1	31.8
1922	4/3	77.1	30.9	1939	3/31	26.9	11.2
1923	3/28	39.1	17.5	1940	3/31	53.5	21.2
1924	4/1	29.7	8.4	1941	3/30	42.0	17.8
1925	4/1	38.8	15.7	1942	3/31	54.3	23.0
1926	4/2	14.1	5.6	1943	3/30	56.5	18.0
1927		No	Survey	1944	4/3	30.4	12.9
1928	4/1	37.6	7.6	1945	4/1	55.8	19.3
1929	3/30	24.4	10.6	1946	4/19	38.6	16.1
1930	3/29	29.4	12.6	1947	3/31	36.4	13.6
1931	3/28	23.1	8.5	1948	3/30	30.2	10.1
1932	3/31	51.4	23.6				
Ave.						41.6	16.5

Miscellaneous measurements			
	2/28/37	59.5	21.9
	2/28/38	65.2	21.0
	2/3/43	55.9	17.2
	3/1/43	53.4	18.7
	5/4/43	0.0	0.0

Above figures are for course as revised in 1948.

4. Freel Bench Snow Course

Established November 17, 1929, by H. P. Boardman and J. E. Church. Located in California on El Dorado National Forest in Sec. 36, T12N, R18E. Elevation 7300 feet. 15 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1930				3/29	12.5	5.4
1931				3/28	9.6	3.3
1932				3/31	37.4	15.8
1933				3/30	31.8	14.0
1934				3/30	0.0	0.0
1935				3/29	33.2	13.9
1936				3/27	42.1	17.9
1937	2/28	41.4	15.8	4/1	33.6	12.5
1938	2/28	52.5	17.2	3/31	66.8	26.3
1939		No	Survey	3/31	13.9	5.7
1940	3/3	42.2	13.4	3/31	23.3	8.7
1941	3/1	36.3	10.1	3/30	17.8	7.0
1942	2/28	50.5	17.0	3/31	37.7	15.0
1943	3/1	25.6	8.9	3/30	23.7	9.3
1944		No	Survey	4/3	20.4	6.7
1945		No	Survey	4/1	34.4	10.5
1946		No	Survey	4/19	13.5	5.6
1947		No	Survey	3/31	10.7	4.6
1948	2/29	8.6	2.3	3/30	19.4	6.7
Ave.		36.7	12.1		25.4	9.9

Miscellaneous measurements	5/1/38	34.9	16.4
	2/1/41	29.3	9.3
	2/1/42	37.9	12.1
	2/3/43	28.5	8.5

5. Ward Creek Snow Course

Established in 1913 by J.E. Church and A. Smith. Located in California on Tahoe National Forest in Sec. 21,T15N,R16E. Elevation 7000 feet. Course revised 1947 to 17 samples at 25 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1913				4/15	---	19.0
1914				4/1	---	69.2
1915				4/1	103.9	44.1
1916				3/16	---	71.6
1917				4/1	---	52.3
1918				3/23	96.0	37.2
1919				4/1	---	46.8
1920				4/1	96.5	36.9
1921				3/27	113.3	51.0
1922				4/1	165.2	64.8
1923				3/29	84.0	37.3
1924				4/1	55.2	24.0
1925				4/1	108.3	43.0
1926				3/27	61.6	25.5
1927				4/1	112.5	49.1
1928				4/1	88.2	33.6
1929				4/2	62.9	27.6
1930				4/1	72.8	33.6
1931				4/4	54.2	15.0
1932				3/30	118.8	58.9
1933				3/30	103.2	40.3
1934				4/3	41.6	19.8
1935				4/1	140.2	55.7
1936				4/6	161.6	68.1
1937	3/4	99.6	54.6	4/4	118.4	41.7
1938		No Survey		4/2	164.6	68.2
1939		No Survey		4/1	67.2	31.6
1940	3/3	125.7	44.0	4/6	124.6	56.5
1941	3/8	121.6	50.1	3/29	110.5	50.5
1942	3/1	115.4	32.8	3/29	110.7	48.1
1943	2/28	111.5	44.0	3/28	117.8	54.1
1944	2/26	77.3	29.4	4/1	74.4	33.3
1945	3/4	103.5	39.4	4/14	118.3	49.7
1946	3/2	95.3	38.3	4/16	107.9	54.3
1947		No Survey		4/3	99.8	37.8
1948		No Survey		3/27	94.0	30.9
Ave.		106.2	41.6		101.6	43.9

Miscellaneous measurements

5/20/17	73.9	37.4
2/8/40	80.0	29.2
2/1/41	99.8	37.9
2/2/42	90.1	45.0
2/6/43	105.5	36.9
5/1/43	70.2	36.5
1/29/44	43.6	16.0
5/1/48	110.1	48.6

Above figures are for course as revised in 1947.

7. Upper Truckee Snow Course

Established in 1929 by H. P. Boardman and J. E. Church. Located in California in Sec. 21, T12N, R17E. Elevation 6250 feet. 23 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1930				3/30	0.0	0.0
1931				4/1	0.0	0.0
1932				3/31	24.5	9.9
1933				3/30	24.4	11.3
1934				3/30	0.0	0.0
1935				3/29	23.4	9.4
1936				3/27	31.5	14.8
1937	2/28	33.3	13.2	4/1	25.4	10.7
1938	2/28	43.8	14.5	3/31	53.8	21.4
1939	3/4	24.7	7.7	3/31	4.7	1.8
1940	3/3	32.3	11.0	3/31	11.4	3.8
1941	3/1	32.5	9.0	3/30	11.1	4.2
1942	2/28	42.8	13.6	3/31	23.2	9.9
1943	3/1	15.3	5.2	3/30	9.7	2.3
1944	2/27	30.9	8.5	4/3	16.9	6.6
1945		No Survey		4/1	27.3	10.5
1946	3/10	25.4	10.3	4/19	4.6	1.8
1947		No Survey		3/31	1.5	0.6
1948	2/29	2.9	0.5	4/2	8.5	2.8
Ave.		28.4	9.4		15.9	6.4

Miscellaneous measurements			
	5/1/38	17.3	8.4
	2/2/40	18.4	7.4
	2/1/41	28.6	8.0
	2/2/42	29.7	9.2
	1/30/43	25.7	4.6
	5/1/48	0.0	0.0

8. Tahoe City Snow Course

Established in 1910 by J.E. Church and A. Smith. Located in California in Sec. 6, T15N, R17E. Elevation 6250 feet. Course revised in 1947 to 20 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	February 1			March 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1916				3/7	---	31.1
1917					No Survey	
1918					No Survey	
1919					No Survey	
1920					No Survey	
1921					No Survey	
1922					No Survey	
1923					No Survey	
1924					No Survey	
1925	1/29	14.5	5.1	2/28	31.8	9.1
1926		No Survey			No Survey	
1927	1/31	29.3	9.1	2/27	40.5	16.3
1928		No Survey			No Survey	
1929	2/5	33.1	9.2		No Survey	
1930		No Survey			No Survey	
1931	2/9	15.2	5.0	3/5	15.0	6.1
1932		No Survey			No Survey	
1933		No Survey			No Survey	
1934		No Survey		3/3	17.7	8.5
1935		No Survey			No Survey	
1936		No Survey			No Survey	
1937	2/8	51.7	18.1	3/2	42.6	19.2
1938		No Survey		2/21	76.2	24.2
1939	2/1	24.8	6.7	3/1	28.5	12.3
1940	2/1	22.5	8.8	3/1	48.2	18.0
1941	2/2	33.0	11.3	3/6	43.2	15.8
1942	1/31	31.3	10.1	2/23	46.9	14.9
1943	2/1	30.7	8.2	3/1	25.7	9.4
1944	1/31	22.7	7.6	3/2	51.3	13.3
1945	2/4	24.4	6.7	3/1	23.9	8.5
1946	1/31	33.5	12.0	2/28	39.5	14.4
1947	2/1	14.9	3.4	3/1	T	T
1948	2/1	0.0	0.0	3/1	0.0	0.0
Ave.		25.4	8.1		33.2	11.2

Concluded on next page.

Tahoe City (Con't.)

Month:	April 1		
Year	Date	Snow In.	Water In.
1910	4/1	---	13.0
1911	3/25	---	36.1
1912	4/1	19.4	7.4
1913	4/1	16.3	6.3
1914	4/1	66.5	26.7
1915	4/1	---	16.4
1916		No	Survey
1917	3/21	---	23.6
1918	4/1	44.9	15.7
1919	4/1	---	22.1
1920	4/1	---	11.8
1921	4/1	---	10.6
1922	4/1	77.3	29.2
1923	4/1	---	14.3
1924	3/20	7.4	2.8
1925	3/24	21.7	8.9
1926	3/18	20.5	7.1
1927	4/4	0.0	0.0
1928	3/31	9.6	4.0
1929	4/3	8.7	3.1
1930	3/29	20.9	9.1
1931	4/1	0.0	0.0
1932	4/1	35.9	18.2
1933	3/29	36.7	14.1
1934	4/1	0.0	0.0
1935	4/1	35.3	14.5
1936	4/5	47.4	19.0
1937	4/1	34.8	15.9
1938	4/1	74.1	32.3
1939	3/31	10.9	6.3
1940	4/1	30.3	13.4
1941	3/31	19.3	8.7
1942	4/1	31.2	13.5
1943	4/1	18.9	9.6
1944	3/30	25.5	12.7
1945	4/1	30.4	12.1
1946	4/1	44.0	14.7
1947	4/1	0.0	0.0
1948	3/29	19.7	5.5
Ave.		26.9	12.6

Miscellaneous measurements			
	1/2/27	11.6	5.3
	3/26/27	29.3	9.4
	5/1/38	41.0	21.9
	4/29/44	7.6	3.0
	1/3/46	36.4	11.6
	5/1/48	0.0	0.0

Above figures are for course as revised in 1947.

9. Rubicon #2 Snow Course

Established in 1912 by A. Smith and J. E. Church. Located in California on El Dorado National Forest in Sec. 6, T13N, R17E. Elevation 7500 feet. 8 samples at 25 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	April 1			April 1 (con't.)			
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1912	4/1	33.2	11.9	1931	4/2	38.6	13.8
1913	4/1	---	13.6	1932	4/7	87.5	42.5
1914		No	Survey	1933	3/31	69.4	26.8
1915		No	Survey	1934	4/2	24.0	11.2
1916	4/1	99.5	43.7	1935	3/31	77.6	27.9
1917	4/19	---	39.3	1936	3/28	91.0	38.5
1918	4/20	51.8	25.9	1937	4/4	86.6	34.4
1919		No	Survey	1938	4/3	124.2	50.1
1920	4/4	66.2	23.9	1939	4/2	46.9	22.7
1921	3/30	76.4	31.8	1940	4/7	86.4	38.2
1922	4/1	105.7	42.0	1941	3/30	73.9	32.5
1923	3/31	76.3	32.7	1942	3/28	88.6	36.9
1924	4/1	31.1	10.8	1943	4/4	84.6	37.6
1925	4/1	62.7	27.7	1944	4/2	55.4	23.3
1926	3/30	44.4	16.9	1945		No	Survey
1927		No	Survey	1946	4/6	97.6	38.3
1928		No	Survey	1947	3/29	60.8	25.9
1929		No	Survey	1948	3/28	63.8	18.1
1930	4/9	46.3	20.4				
Ave.						69.7	28.6

Miscellaneous measurements

5/2/14	---	27.5
5/5/15	57.2	22.6
4/17/35	101.2	36.8
3/5/39	60.6	23.2
5/2/43	44.6	25.5

10. Rubicon #3 Snow Course

Established in 1939 by Philip Cowgill. Located in California on El Dorado National Forest in Sec. 32, T14N, R17E. Elevation 6700 feet. 15 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	April 1		
Year	Date	Snow In.	Water In.
1939	4/2	34.5	15.1
1940	4/7	58.3	24.3
1941	3/30	56.5	21.6
1942	3/28	67.1	25.6
1943	4/4	47.1	21.7
1944	4/2	50.3	18.2
1945	4/1	No	Survey
1946	4/6	77.8	28.3
1947	3/29	38.8	13.1
1948	3/28	48.5	12.4
Ave.		53.2	20.0

Miscellaneous measurements	3/5/39	52.2	17.3
	5/2/43	10.7	4.2

11. Richardsons #2 Snow Course

Established in 1944 by Walter Herz. Located in California in Sec. 6, T12N, R18E. Elevation 6500 feet. 10 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1944				4/4	38.2	15.7
1945	3/3	37.7	10.6	3/31	50.0	16.5
1946	3/10	45.6	15.2	4/13	44.6	18.1
1947	3/1	28.5	8.3	3/30	22.1	7.2
1948	2/27	9.8	2.9	3/31	27.7	9.8
Ave.		30.4	9.3		36.5	13.5

Miscellaneous measurements	2/3/46	51.1	13.7
	5/3/48	12.1	5.2

12. Echo Summit Snow Course

Established in 1940 by Fred Paget. Located in California on El Dorado National Forest in Sec. 6, T11N, R18E. Elevation 7500 feet. 13 samples at 50 feet. Surveys by California Cooperative Snow Surveys.

Month:	February 1			March 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1942	1/28	106.5	28.9	2/25	112.9	43.0
1943	1/27	99.0	31.1	3/2	98.6	38.8
1944	1/30	48.7	15.6	2/28	78.2	23.0
1945	1/31	54.5	18.4	3/1	90.7	28.3
1946	2/1	87.8	35.3	2/28	104.9	42.0
1947	2/3	70.1	21.0	2/28	62.8	23.0
1948	1/31	21.7	7.8	2/27	42.0	15.5
Ave.		69.8	22.6		84.3	30.5

Month:	April 1			May 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1940	3/21	87.6	39.5			
1941	3/30	87.2	37.2			
1942	3/26	98.7	44.0	5/2	82.3	38.9
1943	4/1	102.7	48.0	5/1	52.9	26.3
1944	3/30	63.2	29.2	4/30	51.9	24.1
1945	3/31	106.0	40.3	5/1	52.8	26.3
1946	4/2	127.8	50.9	5/1	57.5	28.7
1947	4/1	69.6	30.1	5/1	No	Survey
1948	3/31	71.7	27.2	5/5	75.8	33.2
Ave.		90.5	38.5		62.2	29.6

Miscellaneous measurements	12/31/46	85.4	29.7

13. Marlette Lake Snow Course

Established in 1915 by J. E. Church. Located in Sec. 13, T15N, R18E. Elevation 8000 feet. Course revised in 1947 to 11 samples at 25 feet. Surveys by Virginia City Water Company, Virginia City, Nevada.

Month:	February 1			March 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1925				3/1	66.3	22.4
1926					No Survey	
1927	2/1	46.8	15.2		No Survey	
1928		No Survey			No Survey	
1929		No Survey			No Survey	
1930		No Survey			No Survey	
1931	2/8	38.4	11.1	3/8	42.0	12.3
1932		No Survey			No Survey	
1933		No Survey			No Survey	
1934		No Survey		3/4	44.9	15.7
1935	1/31	43.3	13.8	3/2	44.9	15.7
1936		No Survey		3/1	103.6	34.8
1937	2/1	63.5	16.1	3/2	75.6	27.6
1938	2/6	64.5	13.8	2/26	71.7	24.0
1939	2/1	35.6	8.0	3/1	44.9	13.5
1940	2/1	52.7	17.2	3/1	89.3	29.2
1941	2/1	58.0	20.5	3/1	62.2	24.0
1942		No Survey		3/3	77.4	29.1
1943		No Survey		3/5	70.7	25.7
1944	2/1	42.3	13.1	3/2	70.1	20.6
1945	2/4	57.1	16.8	3/1	69.5	21.8
1946		No Survey		3/3	64.6	26.0
1947		No Survey		3/3	58.1	21.3
1948		No Survey		3/5	22.5	8.0
Ave.		50.2	14.6		63.4	21.9

Concluded on next page.

Marlette Lake (Con't.)

Month:	April 1			May 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1915	4/1	46.8	18.5			
1916		No	Survey			
1917		No	Survey			
1918	4/1	69.5	25.7			
1919	4/2	---	27.2	5/1	42.4	19.4
1920	4/1	---	20.0	5/3	42.4	16.4
1921	3/25	59.6	23.0	5/1	29.7	13.8
1922	3/30	90.0	34.8	4/30	67.8	31.0
1923	4/3	55.5	25.6		No	Survey
1924	3/30	34.6	9.0	5/3	0.0	0.0
1925	3/28	55.6	20.6	5/2	34.4	17.5
1926	4/2	26.6	12.8		No	Survey
1927	4/1	98.7	33.6	5/1	55.5	25.8
1928	4/1	64.4	17.8		No	Survey
1929	4/1	42.7	12.7		No	Survey
1930	4/1	48.7	18.6		No	Survey
1931	4/1	41.2	13.1		No	Survey
1932	4/2	68.8	28.7		No	Survey
1933	4/1	55.3	19.7		No	Survey
1934	4/1	15.9	8.2		No	Survey
1935	3/31	53.1	18.2		No	Survey
1936	4/1	83.3	35.0		No	Survey
1937	4/1	73.5	30.3		No	Survey
1938	4/3	93.5	37.9	5/1	72.7	35.8
1939	4/5	23.5	10.2		No	Survey
1940	4/1	77.5	32.6		No	Survey
1941	4/1	56.2	25.8		No	Survey
1942	4/1	67.1	29.5		No	Survey
1943	4/1	77.1	33.2	5/1	42.1	21.4
1944	4/1	52.6	24.1	5/1	44.8	22.0
1945	4/1	72.3	26.7		No	Survey
1946	4/1	86.6	31.8		No	Survey
1947	4/2	49.4	20.5		No	Survey
1948	4/2	36.7	12.6		No	Survey
Ave.		59.2	23.1		43.2	20.3

Miscellaneous measurements

6/1/22	14.2	7.5
1/2/25	36.0	11.0
1/3/27	32.9	10.4
4/13/29	50.5	17.0
1/1/32	89.5	19.7
4/12/35	72.9	23.0
1/3/46	58.3	19.7

Above figures are for course as revised in 1947.

14. Daggetts Pass Snow Course

Established in 1916 by A. Smith. Located in Sec. 19, T13N, R19E. Elevation 7350 feet. Course revised in 1947 to 10 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1916				3/18	---	25.6
1917				4/1	---	22.2
1918				4/10	35.2	15.1
1919				4/1	---	13.9
1920				3/30	42.9	14.1
1921				3/24	36.8	14.0
1922				3/30	66.1	24.8
1923				3/27	39.4	16.0
1924				4/1	15.3	3.5
1925				4/1	26.4	9.6
1926				4/2	8.9	3.1
1927				3/31	50.6	16.4
1928				4/1	15.1	4.7
1929				4/2	17.5	7.4
1930				3/28	22.8	9.1
1931				3/29	14.1	6.2
1932				3/30	47.6	20.9
1933				3/29	37.9	14.3
1934				3/31	2.1	1.2
1935				3/30	37.9	13.8
1936				3/28	45.1	17.7
1937	2/27	53.0	19.0	4/2	45.4	18.3
1938	2/27	52.5	15.9	3/30	72.7	25.2
1939	3/5	30.1	8.2	4/1	15.2	5.8
1940	3/2	52.3	15.8	3/30	37.0	14.8
1941	3/1	41.1	11.0	3/29	29.7	10.4
1942	3/1	50.1	16.7	3/28	44.7	17.6
1943	2/28	38.9	12.3	3/27	39.6	14.4
1944	2/26	41.4	9.9	3/31	36.7	13.6
1945	3/3	43.0	11.3	3/30	47.0	13.8
1946	3/9	40.4	14.3	3/30	55.5	11.7
1947	3/1	31.6	11.2	3/28	22.6	7.6
1948	2/27	7.1	1.9	3/31	21.6	6.7
Ave.		40.1	12.3		34.3	13.1

Miscellaneous measurements			
	2/1/40	28.2	9.7
	2/2/41	30.2	8.7
	1/31/42	42.6	12.9
	1/29/43	34.8	8.4
	5/1/43	0.0	0.0
	2/2/46	35.7	10.5
	4/13/46	42.0	16.8
	5/3/48	8.7	3.7

Above figures are for course as revised in 1947.

15. Glenbrook #2 Snow Course

Established in 1942 by Walter Herz. Located in Sec. 13, T14N, R18E. Elevation 6900 feet. 10 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1942				3/30	47.7	17.3
1943	2/28	50.8	14.4	3/29	49.4	16.6
1944	2/27	39.5	9.6	3/31	40.2	14.8
1945		No Survey		3/31	50.3	15.0
1946	3/9	48.5	15.0	3/29	64.2	17.9
1947		No Survey		3/28	30.1	10.0
1948	2/27	12.4	3.9	4/2	26.5	8.0
Ave.		37.8	10.7		44.1	14.2

Miscellaneous measurements			
	1/29/43	36.2	9.8
	5/1/43	11.9	4.8
	4/13/46	51.3	18.8
	5/3/48	0.0	0.0

TRUCKEE RIVER

1. Granite Peak Snow Course

Established in 1922 by Ashton Codd and Edgar Boardman. Located in California on Toiyabe National Forest in Sec. 24, T19N, R17E. Elevation 8200 feet. 23 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	April 1			April 1 (con't.)		
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1922	4/1	89.8	29.5	1936	3/29	71.9	23.8
1923	3/28	60.0	23.4	1937	4/3	66.5	24.1
1924	3/29	26.7	7.6	1938	4/3	102.0	36.1
1925	4/2	43.1	14.2	1939	4/2	30.7	11.6
1926	4/1	28.1	10.9	1940	3/31	75.2	23.3
1927	4/2	91.1	25.4	1941	3/30	47.0	18.1
1928	3/29	47.1	9.5	1942	3/28	59.5	21.5
1929	4/1	41.2	11.0	1943	3/28	73.4	28.0
1930	3/31	53.6	21.1	1944	4/2	50.9	19.3
1931	3/31	32.6	10.4	1945		No	Survey
1932	4/3	65.0	26.3	1946		No	Survey
1933	3/30	57.4	20.0	1947	3/29	44.7	17.2
1934	4/3	13.4	5.1	1948		No	Survey
1935	3/31	53.4	18.2				
Ave.						55.2	19.0

2. Independence Lake Snow Course

Established in 1937 by Philip Cowgill. Located in California on Tahoe National Forest in Sec. 9, T18N, R15E. Elevation 8450 feet. 10 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1937	3/1	108.5	39.1	4/4	111.5	42.0
1938	2/28	124.7	38.6	4/3	154.7	63.1
1939	3/2	57.6	18.9	4/1	58.9	23.5
1940	3/3	115.1	39.0	4/1	135.1	49.7
1941	3/6	125.8	46.3	3/30	107.3	44.7
1942	3/1	100.8	37.7	3/29	99.4	42.4
1943		No Survey		3/28	120.6	50.4
1944	2/27	102.3	37.1	4/3	81.8	31.5
1945	3/10	88.8	30.8	4/7	103.0	39.3
1946		No Survey		4/7	121.4	49.0
1947	3/1	59.6	23.9	3/30	85.3	31.7
1948	2/29	48.2	14.8	4/3	79.0	24.8
Ave.		93.1	32.6		104.8	41.0

Miscellaneous measurements

2/9/40	70.8	23.9
2/1/41	92.4	33.3
2/1/42	82.7	24.6
5/2/43	103.4	49.7
4/30/44	80.8	33.5
4/29/48	95.0	36.1

3. Webber Peak Snow Course

Established in 1922 by Fred Herz and Russell Boardman. Located in California on Tahoe National Forest in Sec. 30, T19N, R14E. Elevation 8000 feet. 28 samples at 50 feet. Surveys by California Cooperative Snow Surveys.

Month:	April 1			April 1 (con't.)		
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1922	4/16	160.1	65.8	1936	4/1	146.8	51.2
1923	3/31	89.8	39.9	1937	4/2	122.7	47.9
1924	3/31	56.1	18.7	1938	4/2	180.0	69.2
1925	3/26	99.0	34.7	1939	3/28	64.2	28.8
1926	3/30	64.6	28.3	1940	4/4	131.3	52.4
1927	3/28	128.9	55.9	1941	4/8	127.5	54.9
1928	3/30	78.9	28.8	1942	3/28	118.2	54.0
1929	3/31	65.6	26.2	1943	3/25	108.4	49.2
1930	3/30	82.6	32.8	1944	3/30	79.0	33.0
1931	3/30	57.0	22.0	1945	3/24	98.3	36.8
1932	4/1	102.4	46.8	1946	4/1	129.0	45.8
1933	4/1	91.4	35.5	1947	3/31	86.7	34.2
1934	4/1	48.9	20.6	1948	4/3	100.7	30.0
1935	4/1	105.5	40.2				
Ave.						100.9	40.1

Miscellaneous measurements	5/1/27	135.0	63.5
	2/28/37	111.7	43.4
	2/28/38	147.9	53.9

4. Donner Summit Snow Course

Established in 1910 by J. E. Church. Located in California on Tahoe National Forest in Sec. 25, T17N, R14E. Elevation 6900 feet. 42 samples at 25 and 50 feet. Surveys by California Cooperative Snow Surveys.

Month:	February 1			March 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1922	2/1	72.5	24.2	3/1	145.0	50.6
1923	2/1	136.1	47.1	3/1	145.0	50.6
1924	2/1	---	10.4	3/1	---	13.8
1925	2/1	---	14.5	3/1	---	29.4
1926	2/1	---	18.5	3/1	---	28.3
1927	2/1	---	19.2	3/1	---	44.8
1928	2/1	48.1	15.4		No Survey	
1929	2/1	48.1	15.4		No Survey	
1930	2/3	44.7	17.0	3/3	71.5	24.5
1931	1/28	44.7	18.0	2/27	57.1	22.3
1932	2/4	133.5	46.9	2/28	109.3	49.2
1933	2/5	81.0	25.1	2/27	74.0	27.2
1934	1/27	51.8	22.0	2/27	72.5	24.0
1935	1/28	83.7	28.6	2/27	68.8	29.0
1936	1/28	72.4	27.3	2/28	137.5	49.6
1937	2/3	90.9	20.1	3/3	92.9	39.2
1938	1/26	33.6	11.0	2/28	122.8	44.6
1939	1/28	39.7	10.4	2/27	60.6	19.6
1940	1/31	49.6	18.8	3/1	116.8	43.0
1941	1/31	96.0	36.7	3/3	119.4	44.5
1942	1/30	82.1	26.3	2/27	105.8	40.6
1943	2/2	89.0	30.1	3/1	82.2	35.6
1944	2/1	50.1	13.9	3/1	105.0	27.4
1945	2/6	69.8	23.3	2/28	75.8	24.9
1946	2/1	75.2	31.0	3/1	97.5	41.0
1947	2/3	51.9	16.6	2/28	46.9	17.9
1948	1/27	18.4	7.5	2/27	32.5	12.8
Ave.		68.0	22.0		92.3	32.4

Concluded on next page.

Donner Summit (con't.)

Month:	April 1			May 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1910	4/1	---	29.4			
1911	4/1	---	60.6			
1912		No	Survey			
1913	4/1	---	20.2			
1914	4/1	---	66.5			
1915	4/1	86.4	40.0			
1916	4/1	138.7	67.1			
1917	4/1	122.9	55.0			
1918	4/1	---	32.1			
1919	4/1	104.8	43.4	4/27	61.8	29.7
1920	4/1	74.9	29.9		No	Survey
1921	3/25	112.0	50.3		No	Survey
1922	4/1	152.3	60.4		No	Survey
1923	4/1	82.1	38.4		No	Survey
1924	4/1	51.2	17.0		No	Survey
1925	4/1	65.1	26.0		No	Survey
1926	4/1	38.1	17.6		No	Survey
1927	4/1	96.1	45.4		No	Survey
1928	4/1	68.6	28.1		No	Survey
1929	4/1	49.6	23.2		No	Survey
1930	3/31	52.3	24.4	4/29	27.5	14.7
1931	3/23	44.2	17.8	5/1	0.0	0.0
1932	3/29	90.1	49.7	5/2	67.3	34.3
1933	3/29	87.0	35.4	5/6	44.9	21.8
1934	3/25	35.6	17.8		No	Survey
1935	4/9	124.4	53.7		No	Survey
1936	3/27	97.5	47.6	4/28	70.8	34.4
1937	3/29	109.3	43.0	4/29	70.4	36.5
1938	4/8	162.3	68.7	5/3	121.0	59.2
1939	3/27	56.9	25.3	5/1	0.0	0.0
1940	4/1	112.9	48.6	5/1	68.7	37.3
1941	3/31	89.0	42.4	4/30	79.7	41.4
1942	3/26	90.0	41.7	5/1	80.7	37.6
1943	4/2	81.6	41.1	4/30	31.2	16.6
1944	4/1	61.8	30.4	5/1	52.3	27.5
1945	3/31	94.7	38.1	5/1	48.1	23.7
1946	4/1	115.3	47.2	5/1	43.8	23.1
1947	3/31	71.4	29.1	5/3	9.5	4.4
1948	3/29	78.5	24.8	5/3	79.0	34.2
Ave.		87.8	38.6		53.2	26.5

Miscellaneous measurements

4/15/18	---	31.4	1/2/30	9.6	4.6
1/1/22	55.7	18.0	1/13/31	43.7	14.9
1/1/23	107.1	33.4	5/30/32	19.0	10.9
1/1/24	---	4.2	5/28/33	26.5	15.6
1/1/25	---	10.1	1/6/37	45.7	9.3
1/1/26	---	4.2	2/24/37	94.9	37.9
1/1/27	---	15.9	2/8/39	90.4	21.1
1/4/28	39.7	11.1	1/10/40	54.1	12.9
1/4/29	39.7	11.6	2/20/40	82.0	27.9
			1/11/41	73.5	26.7

6. Webber Lake Snow Course

Established in 1925 by Ashton Codd and A. J. Shaver. Located in California on Tahoe National Forest in Sec. 20, T19N, R14E. Elevation 7000 feet. Course revised in 1945 to 18 samples at 50 feet. Surveys by California Cooperative Snow Surveys.

Month:	April 1			April 1 (con't.)		
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1925	3/26	69.2	21.6	1937	3/31	92.5	34.9
1926	3/30	44.2	17.4	1938	4/1	147.2	56.1
1927	3/28	91.8	39.1	1939	3/28	53.3	23.9
1928	3/30	45.9	15.6	1940	4/4	92.2	40.2
1929	3/31	47.6	18.3	1941	4/8	88.9	40.6
1930	3/30	57.9	22.8	1942	3/28	72.5	32.7
1931	3/29	43.8	16.5	1943	3/27	88.7	40.1
1932	4/1	77.7	35.8	1944	3/30	64.0	27.9
1933	3/31	73.6	28.3	1945	3/24	83.0	29.9
1934	3/31	24.4	9.7	1946	4/1	108.1	39.7
1935	3/31	84.6	31.2	1947	3/31	67.3	25.3
1936	3/31	113.6	32.6	1948	4/3	67.8	19.5
Ave.						75.0	29.2

Miscellaneous measurements	5/1/27	91.1	15.6
	2/27/37	90.8	33.6
	2/26/38	121.3	41.8

Above figures are for course as revised in 1945.

7. Sage Hen Creek Snow Course

Established in 1937 by Philip Cowgill. Located in California in Sec. 7, T18N, R16E. Elevation 6500 feet. 14 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	February 1			March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1937				3/2	58.6	24.0	4/5	50.3	22.4
1938				3/1	83.0	26.8	4/2	92.2	35.8
1939				3/1	36.0	9.8	4/3	19.1	7.9
1940	2/10	31.3	10.8	3/5	49.0	17.7	4/2	39.9	16.6
1941	2/2	47.2	14.9	3/5	53.9	18.1	3/29	39.2	16.4
1942	1/31	40.0	12.1	2/28	58.9	20.6	3/28	50.5	20.5
1943	2/7	53.3	16.5	2/28	52.5	19.9	3/29	45.0	19.3
1944	1/29	26.9	6.2	2/26	48.0	12.6	4/1	39.3	16.0
1945	2/11	36.9	12.4	3/11	44.1	14.2	4/10	53.7	18.2
1946	2/2	46.9	17.0	3/2	54.1	18.8	4/8	55.4	22.0
1947		No	Survey	3/2	25.4	9.7	3/27	23.6	9.7
1948		No	Survey	3/1	9.0	2.3	3/30	20.2	6.4
Ave.		40.4	12.8		47.7	16.2		44.0	17.6

Miscellaneous measurements	4/30/48	17.5	6.1

9. Truckee #2 Snow Course

Established in 1930 by A. J. Shaver. Located in California on Tahoe National Forest in Sec. 22, T17N, R16E. Elevation 6400 feet. 21 samples at 25 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1930				3/23	34.2	13.6
1931				3/29	14.8	5.5
1932	2/28	65.1	25.1	4/2	41.4	18.9
1933	2/26	42.6	14.0	3/31	39.4	15.5
1934	3/4	25.2	9.8	4/2	0.0	0.0
1935	3/3	33.6	12.4	3/30	48.1	18.5
1936	3/1	63.4	23.0	3/28	42.9	19.3
1937	3/6	47.6	19.0	3/27	49.1	19.4
1938	3/5	74.2	25.0	4/8	79.1	34.8
1939	3/5	34.1	10.9	4/2	16.2	6.1
1940	3/2	47.9	17.0	3/30	35.2	12.7
1941	3/2	47.1	14.5	3/29	29.0	12.5
1942	2/28	51.0	18.5	3/28	44.4	17.9
1943	2/27	44.7	15.1	3/27	36.6	13.4
1944	2/27	41.7	11.2	4/1	37.5	14.6
1945	3/4	42.9	12.7	4/1	45.4	15.6
1946	3/2	46.0	16.0	4/1	55.3	19.2
1947		No	Survey	3/27	17.3	6.8
1948		No	Survey	3/27	27.1	7.4
Ave.		47.1	16.3		36.5	14.3

Miscellaneous measurements			
	2/8/31	24.0	6.6
	1/12/40	32.3	8.7
	1/31/41	37.1	11.8
	2/3/41	39.0	13.1
	1/31/43	44.4	12.8
	2/5/44	27.8	7.7
	2/3/46	49.5	15.9

10. Independence Creek Snow Course

Established in 1937 by Philip Cowgill. Located in California in Sec. 14, T19N, R15E. Elevation 6300 feet. 19 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1937	2/28	48.1	18.4	4/3	37.3	16.2
1938	2/27	67.6	22.0	4/5	81.2	31.2
1939	3/3	31.1	8.8	4/2	11.0	4.4
1940	3/4	35.8	13.4	3/31	24.0	9.0
1941	3/7	39.9	14.1	3/31	23.0	10.2
1942	3/2	45.0	14.9	3/30	37.4	14.8
1943		No	Survey	3/27	32.2	14.0
1944	2/28	47.7	11.7	4/2	32.2	13.3
1945		No	Survey	4/9	42.4	14.5
1946		No	Survey	4/6	41.2	16.0
1947	2/28	10.7	4.3	3/29	9.9	4.4
1948	2/28	3.4	1.2	3/30	12.4	4.2
Ave.		36.6	12.1		32.0	12.7

Miscellaneous measurements			
	2/8/40	22.4	7.8
	1/31/41	39.6	12.0
	2/2/42	32.6	9.3
	2/6/43	33.4	11.1
	5/1/44	16.2	6.5
	5/1/48	0.0	0.0

11. Boca #2 Snow Course

Established in 1932 by H. P. Boardman and Philip Cowgill. Located in California in Sec. 28, T18N, R17E. Elevation 5900 feet. 17 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1933	2/26	27.8	8.8	3/31	17.3	5.9
1934	3/4	5.8	3.0	4/1	0.0	0.0
1935	3/3	16.7	7.5	3/30	21.0	9.7
1936	3/1	34.7	12.6	3/28	21.3	10.1
1937	3/6	28.9	10.1	3/27	15.3	6.4
1938	3/5	44.1	15.7	4/8	42.0	19.8
1939	3/5	18.8	5.2	4/2	0.0	0.0
1940	3/2	16.7	5.9	4/1	0.0	0.0
1941	3/2	12.1	4.9	3/29	0.0	0.0
1942	2/28	26.5	8.9	3/28	15.8	6.4
1943	2/27	15.4	5.7	3/27	T	T
1944	2/27	27.4	7.4	3/31	15.4	5.8
1945		No Survey		3/31	13.2	5.5
1946		No Survey		3/29	18.4	4.7
1947		No Survey		3/27	0.0	0.0
1948		No Survey			No Survey	
Ave.		22.9	8.0		12.0	5.0

Miscellaneous measurements			
	2/3/41	15.8	5.6
	1/31/42	14.7	5.0
	1/31/43	16.9	3.6
	2/5/44	15.5	4.7

12. Furnace Flat Snow Course

Established in 1918 by J. E. Church. Located in California on Tahoe National Forest in Sec. 10, T17N, R13E. Elevation 6600 feet. 26 samples at 25 feet. Surveys by California Cooperative Snow Surveys.

Month:	February 1			March 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1921				3/1	---	54.2
1922					No Survey	
1923	2/1	136.5	49.0	2/28	124.7	54.0
1924	1/30	43.6	13.8	2/29	42.3	18.1
1925	2/6	53.1	22.6		No Survey	
1926	2/1	65.8	21.2	2/25	99.7	32.8
1927	2/2	70.9	22.5	3/7	95.1	52.9
1928		No Survey		2/16	68.4	25.0
1929		No Survey		2/16	79.7	26.8
1930	2/2	50.6	18.6	3/2	79.2	29.6
1931	1/29	51.5	19.2	2/26	67.6	23.8
1932		No Survey		2/26	129.0	54.5
1933	2/4	92.0	26.9	2/25	87.9	32.2
1934	1/29	62.8	24.8	2/28	91.2	33.0
1935	1/30	95.0	34.0	2/25	93.0	34.8
1936	1/30	77.2	31.5	2/29	137.7	53.1
1937	2/5	113.0	40.0	3/2	102.4	43.5
1938	1/28	47.2	14.8	3/4	161.5	61.7
1939	1/28	46.4	12.8	3/1	75.8	26.1
1940	1/30	45.1	17.9	3/5	104.6	44.0
1941	1/30	111.0	41.6	3/5	134.5	53.2
1942	2/9	124.2	45.0	3/3	111.8	44.6
1943	2/3	101.2	31.8	3/2	101.2	41.4
1944	2/9	77.6	22.3	3/2	117.6	34.1
1945	1/30	50.3	18.3	2/26	83.7	33.0
1946	1/30	92.7	36.0	3/5	109.3	49.4
1947	2/5	56.1	17.7	2/26	49.4	20.5
1948	1/26	22.3	8.4	2/26	39.5	14.2
Ave.		73.3	25.7		95.5	38.1

Concluded on next page.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Furnace Flat (Con't.)

Month:	April 1			May 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1918	4/14	---	38.6			
1919	4/1	---	51.0	4/29	78.4	40.6
1920	4/4	94.4	39.7		No	Survey
1921	4/1	125.5	59.6		No	Survey
1922	4/1	---	70.0	4/26	149.0	74.2
1923	4/1	99.3	47.6	4/27	103.2	51.0
1924	3/27	64.4	21.4	4/28	20.5	10.1
1925	3/27	73.3	32.7		No	Survey
1926	3/31	54.3	25.8	4/24	47.9	23.0
1927		No	Survey		No	Survey
1928	4/1	86.4	37.7		No	Survey
1929	3/30	61.7	28.0		No	Survey
1930	4/1	65.4	34.6	4/30	46.2	23.1
1931	3/25	55.3	25.4	4/30	0.0	0.0
1932	3/26	112.4	55.6	4/29	109.5	50.6
1933	3/28	100.9	38.8	5/8	63.4	29.5
1934	3/30	49.1	24.9		No	Survey
1935	4/4	141.8	63.4	5/2	124.1	63.5
1936	3/25	122.2	54.5	5/1	100.0	56.9
1937	3/31	122.2	60.1	4/30	90.5	53.9
1938	3/31	181.3	79.5	5/3	157.0	88.0
1939	3/22	74.8	30.2	4/28	0.0	0.0
1940	4/2	113.0	45.1	4/29	81.6	41.4
1941	3/27	101.4	49.8	5/2	100.2	54.8
1942	3/30	104.4	48.1	5/4	101.9	50.8
1943	3/30	105.1	45.8	5/4	44.5	24.7
1944	3/27	87.2	38.2	5/2	68.3	35.4
1945	3/28	120.2	48.4	5/2	68.5	34.2
1946	3/25	118.5	58.0	5/2	73.8	42.4
1947	3/26	65.0	28.6	5/2	29.8	14.1
1948	3/31	86.6	28.7	5/4	84.2	41.3
Ave.		95.8	43.7		75.8	39.3

Miscellaneous measurements

6/3/20	2.3	1.3
5/27/23	34.4	18.1
12/28/23	19.8	4.9
1/22/24	30.8	11.9
12/28/24	47.6	14.1
5/30/25	21.1	9.6
6/4/27	65.6	37.9
1/11/31	52.1	17.0
5/28/32	54.2	32.1
3/5/44	140.6	43.4

13. Fordyce Lake Snow Course

Established in 1918 by J. E. Church. Located in California on Tahoe National Forest in Sec. 34, T18N, R13E. Elevation 6500 feet. 12 samples at 25 feet. Surveys by California Cooperative Snow Surveys.

Month:	February 1			March 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1921				3/1	110.0	45.2
1922					No Survey	
1923				2/28	123.0	49.7
1924	1/30	34.9	11.4		No Survey	
1925	2/7	61.6	16.5		No Survey	
1926	2/6	38.5	15.2	2/25	78.2	28.0
1927	2/3	71.0	20.7		No Survey	
1928		No Survey		2/16	56.9	20.1
1929		No Survey		2/15	78.2	26.2
1930	2/1	44.6	15.1	3/1	68.5	22.9
1931	1/30	43.7	16.8	2/25	55.0	19.0
1932		No Survey		2/26	123.8	51.0
1933	2/3	89.0	28.4	2/26	83.0	28.9
1934	1/28	53.8	21.0	2/28	78.3	29.4
1935	1/29	91.0	31.0	2/26	83.1	32.8
1936	1/29	69.9	27.8	2/29	129.9	51.9
1937	2/5	103.5	38.4	3/1	93.6	40.3
1938	1/27	32.2	10.3	3/4	140.7	54.8
1939	1/28	36.4	12.3	3/1	71.4	26.4
1940	1/30	38.6	14.2	3/4	88.9	35.8
1941	1/29	97.5	34.8	3/6	115.0	43.4
1942	2/9	111.2	36.8	3/3	98.2	39.8
1943	2/3	84.6	28.6	3/3	80.8	34.8
1944	2/8	75.0	22.0	3/5	128.6	38.0
1945	1/30	42.0	16.0	2/27	75.7	26.8
1946	1/29	89.1	36.8	3/4	97.5	38.6
1947	2/4	48.7	14.8	2/25	37.6	15.8
1948	1/26	6.5	2.4	2/26	22.5	8.8
Ave.		62.0	21.4		88.3	34.1

Concluded on next page.

Fordyce Lake (Con't.)

Month:	April 1			May 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1918	4/14	---	33.0			
1919	3/31	111.2	47.3	4/30	61.4	30.1
1920	4/5	86.3	38.3		No	Survey
1921	3/29	111.4	48.5		No	Survey
1922	4/1	---	68.2		No	Survey
1923	4/1	90.1	40.9	4/27	94.5	43.9
1924	3/27	51.7	16.3	4/28	15.6	7.7
1925	3/28	51.5	24.8		No	Survey
1926	3/30	45.3	19.0	4/24	28.8	14.0
1927	3/28	88.3	44.4		No	Survey
1928	4/1	79.1	34.1		No	Survey
1929	3/29	54.9	30.5		No	Survey
1930	4/1	57.0	30.6	4/30	33.1	15.8
1931	3/26	47.4	19.8	4/30	0.0	0.0
1932	3/27	104.7	53.1	4/30	94.1	48.1
1933	3/26	88.5	34.8	5/8	52.2	25.4
1934	3/28	33.9	17.8		No	Survey
1935	4/1	111.8	47.4	5/2	93.6	53.3
1936	3/25	103.8	46.8	5/1	86.5	45.6
1937	4/1	98.4	44.1	4/30	70.8	39.4
1938	3/30	162.9	69.3	5/3	122.3	70.3
1939	3/23	62.5	27.8	4/28	0.0	0.0
1940	4/2	86.4	36.1	4/30	57.4	27.3
1941	3/25	88.5	40.9	5/1	79.7	41.9
1942	3/31	84.9	40.8	5/5	76.5	36.7
1943	3/31	82.5	39.8	5/4	22.6	12.0
1944	3/28	74.3	35.2	5/2	54.6	30.2
1945	3/29	109.0	39.7	5/2	57.3	28.0
1946	3/26	100.1	49.0	5/3	58.1	32.2
1947	3/27	47.2	20.7	5/2	0.0	0.0
1948	4/1	63.2	23.0	5/4	70.0	33.3
Ave.		82.0	37.5		55.9	28.9

Miscellaneous measurements

5/27/23	13.2	8.6
12/28/24	35.3	11.0
1/2/30	0.0	0.0
1/11/31	42.3	11.4
5/29/32	35.9	21.2
5/27/33	40.5	20.9
4/11/35	123.7	52.3

14. Soda Springs Snow Course

Established in 1929 by H. P. Boardman and J. E. Church. Located in California on Tahoe National Forest in Sec. 23, T17N, R14E. Elevation 6750 feet. 22 samples at 25 feet. Surveys by California Cooperative Snow Surveys.

Month:	February 1			March 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1929	2/1	46.5	14.4			
1930	2/2	8.9	4.4	2/21	51.2	15.1
1931		No	Survey	2/26	55.4	18.2
1932	2/4	126.2	40.7	2/28	105.1	47.6
1933	2/5	78.7	25.4	2/27	70.1	25.0
1934	1/27	51.0	19.6	2/27	70.4	23.3
1935	1/28	79.1	26.7	2/27	66.8	27.5
1936	1/28	69.9	27.1	2/28	133.4	47.4
1937	2/3	88.2	21.7	3/3	85.4	34.2
1938	1/26	35.1	10.7	2/28	117.4	43.7
1939	1/28	32.0	7.8	2/27	54.8	18.8
1940	1/30	46.8	16.6	3/1	107.2	38.4
1941	1/31	93.3	33.8	3/3	111.7	43.4
1942	2/5	102.1	30.8	2/27	99.5	38.5
1943	2/2	90.5	30.0	3/1	77.7	32.5
1944	2/1	48.7	12.2	3/1	101.7	27.3
1945	2/6	64.5	20.2	2/28	69.3	24.2
1946	2/1	71.1	31.9	3/1	86.9	37.9
1947	2/3	46.1	14.4	2/28	35.7	14.3
1948	1/27	11.5	4.5	2/27	19.0	7.1
Ave.		62.6	20.7		79.9	29.7

Concluded on next page.

Soda Springs (Con't.)

Month: Year	April 1 Date	Snow In.	Water In.	May 1 Date	Snow In.	Water In.
1929	4/1	47.4	21.9			
1930	3/30	55.5	24.6	4/29	28.1	13.8
1931	3/23	44.5	15.2		No Survey	
1932	3/29	85.2	42.7	5/2	65.0	33.9
1933	3/29	88.3	32.4	5/6	40.9	19.1
1934	3/26	30.0	15.2		No Survey	
1935	4/1	124.8	53.8		No Survey	
1936	3/27	94.8	43.8	4/28	61.7	32.4
1937	3/26	110.5	44.3	4/29	70.8	36.7
1938	3/29	153.7	62.6	5/3	110.3	55.4
1939	3/27	52.9	21.4	5/1	0.0	0.0
1940	4/1	101.3	42.7	5/1	56.1	31.3
1941	3/28	83.0	41.3	4/30	69.8	35.0
1942	3/27	84.5	38.1	5/1	72.2	30.5
1943	4/2	81.9	39.5	4/30	21.5	12.2
1944	4/1	56.5	26.3	5/1	42.5	22.0
1945	3/31	89.5	36.3	5/1	39.0	19.1
1946	4/1	102.9	41.4	5/1	24.8	13.8
1947	3/31	55.5	23.1	5/3	0.0	0.0
1948	3/29	62.9	19.5	5/3	55.6	26.1
Ave.		80.3	34.3		47.4	23.8

Miscellaneous measurements

5/30/32	0.0	0.0
5/28/33	22.9	11.2
2/18/36	117.7	41.3
1/6/37	50.3	9.2
2/9/37	94.5	31.6
2/24/37	82.0	35.2
1/10/41	72.8	24.1
1/30/42	74.8	24.8

15. Independence Camp Snow Course

Established in 1941 by Philip Cowgill. Located in California in Sec. 34, T19N, R15E. Elevation 7000 feet. 10 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1941	3/5	66.3	22.8	3/30	45.6	21.2
1942	3/1	64.2	24.7	3/28	55.5	23.8
1943		No Survey		3/27	57.3	24.1
1944	2/27	52.3	14.8	4/2	46.7	20.1
1945	3/9	53.0	17.1	4/6	54.2	20.9
1946	3/3	66.2	25.2	4/6	68.2	29.6
1947	2/28	29.0	10.6	3/29	31.3	12.7
1948	2/28	21.0	6.4	4/2	30.8	12.1
Ave.		50.3	17.4		48.7	20.6

Miscellaneous measurements

1/31/41	54.1	17.9
2/2/42	53.7	15.3
2/6/43	61.9	19.7
4/29/44	31.3	14.2
4/29/46	29.6	15.4
4/28/48	30.8	13.7

16. Mt. Rose Snow Course

Established in 1910 by J. E. Church. Located on Toiyabe National Forest in Sec. 7, T17N, R19E. Elevation 9000 feet. Course revised in 1947 to 12 samples at 25 feet. Surveys by Soil Conservation Service.

Month:	April 1			April 1 (con't.)			
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1910	4/1	66.3	27.8	1930	3/29	65.3	29.5
1911	4/1	---	43.9	1931	3/28	33.8	10.2
1912	4/1	---	14.1	1932	3/26	88.8	40.2
1913	4/1	48.6	18.3	1933	4/1	56.0	23.0
1914	4/1	90.9	48.1	1934	3/30	37.3	14.7
1915	4/1	56.5	25.1	1935	3/28	85.5	34.2
1916	4/1	102.9	49.6	1936	3/28	74.2	32.5
1917	4/5	79.1	35.2	1937	4/3	70.5	29.1
1918	3/29	74.3	27.5	1938	4/2	113.8	48.4
1919	4/6	71.8	30.5	1939	4/1	52.6	23.4
1920	4/1	68.7	25.3	1940	3/31	101.3	42.8
1921	3/26	80.3	35.4	1941	3/29	70.6	30.1
1922	4/1	118.9	50.9	1942	3/29	89.8	39.9
1923	3/24	84.4	37.4	1943	3/27	105.6	46.0
1924	4/15	45.2	17.0	1944	4/8	75.0	31.2
1925	3/27	57.0	27.5	1945	4/1	102.2	41.3
1926	4/1	20.7	9.0	1946	4/7	88.0	35.0
1927	4/3	115.4	44.1	1947	4/1	69.9	28.9
1928	4/5	82.5	30.8	1948	4/1	43.5	13.5
1929	3/30	55.7	23.0				
Ave.						74.1	31.1

Miscellaneous measurements	5/6/23	72.0	40.6

Above figures are for course as revised in 1947.

17. Truckee Ranger Station Snow Course

Established in 1944 by H. P. Boardman and J. E. Church. Located in California on Tahoe National Forest in Sec. 10, T17N, R16E. Elevation 6000 feet. 8 samples at 25 feet. Surveys by District Forest Ranger, Truckee, California.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1945	3/1	29.8	10.1	4/1	33.6	11.4
1946	3/2	38.3	13.9	3/28	31.0	11.9
1947	3/5	21.6	5.9	4/1	0.0	0.0
1948	3/3	6.8	2.6	3/28	21.7	6.5
Ave.		24.1	8.1		21.6	7.5

Miscellaneous measurements:			
	1/1/46	29.3	8.2
	1/31/46	33.9	11.6
	2/4/47	18.8	4.7

18. Donner Lake Snow Course

Established in 1944 by Philip Cowgill. Located in California on Tahoe National Forest in Sec. 14, T17N, R15E. Elevation 5950. 10 samples at 50 feet. Surveys by Nevada Cooperative Snow Surveys.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1944	3/5	93.9	23.1	3/31	48.9	22.4
1945	3/1	45.3	14.9	3/31	60.2	22.3
1946	3/1	59.2	21.6	4/1	74.6	28.3
1947	2/27	15.7	7.0	3/27	19.9	8.8
1948	3/3	11.4	3.8	3/28	40.3	12.0
Ave.		45.1	14.1		48.8	18.8

Miscellaneous measurements			
	2/3/45	41.8	11.4
	1/1/46	41.8	16.2
	1/31/46	47.6	18.9
	2/4/47	24.4	7.2
	5/2/48	29.3	13.3

19. Big Meadows Snow Course

Established in 1922 by Ashton Codd and Edgar Boardman. Located in Sec. 15, T18N, R18E. Elevation 8800 feet. Course revised in 1946 to 15 samples at 50 feet. Surveys by District Forest Ranger, Carson City, Nevada.

Month:	April 1			April 1 (con't.)		
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1922	4/17	82.0	32.1	1936	3/28	56.0	28.4
1923	4/2	46.7	20.1	1937	4/3	55.7	24.9
1924	4/1	27.9	10.8	1938	4/3	72.9	34.6
1925	3/29	58.1	25.3	1939	4/1	23.2	12.1
1926	4/2	44.1	20.3	1940	4/1	67.5	31.1
1927	4/5	92.1	33.1	1941	3/28	50.8	23.2
1928	4/8	69.1	22.6	1942	3/31	56.9	24.5
1929	3/31	45.1	17.8	1943	4/4	75.1	34.4
1930	4/1	56.0	25.4	1944	4/8	47.6	21.7
1931	3/30	36.1	12.9	1945		No	Survey
1932	4/3	68.2	31.3	1946	4/4	64.4	25.0
1933	4/1	53.8	28.3	1947	4/2	38.7	16.4
1934	3/31	23.7	12.5	1948	4/7	43.0	16.7
1935	3/30	45.0	19.6				
Ave.						53.8	23.3

Above figures are for course as revised in 1946.

20. Little Valley Snow Course

Established November 23, 1941 by Philip Cowgill and H. Jones. Located in Sec. 17, T16N, R19E. Elevation 6300 feet. 9 samples at 50 feet. Surveys by District Forest Ranger, Carson City, Nevada.

Month:	April 1			April 1 (con't.)		
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1942	3/29	28.4	11.7	1946	4/2	25.3	9.3
1943	3/27	22.7	11.3	1947	3/31	1.2	0.3
1944	4/2	26.9	11.6	1948	3/26	17.1	2.6
1945	3/30	28.9	10.6				
Ave.						21.5	8.2

CARSON RIVER

1. Carson Pass Snow Course

Established September 1929 by Harlow Stafford. Located in California on El Dorado National Forest in Sec. 22, T10N, R18E. Elevation 8600 feet. 25 samples at 50 feet. Surveys by California Cooperative Snow Surveys.

Month:	February 1			March 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1930				3/9	95.3	32.1
1931	1/27	39.2	11.8	2/27	51.0	15.7
1932	2/10	145.0	50.5	2/25	123.7	50.4
1933	2/1	83.0	21.8	2/21	72.1	23.4
1934	1/26	46.6	15.7	2/24	63.8	19.8
1935	1/24	73.1	21.9	2/23	63.8	24.4
1936	1/24	71.3	24.1	2/27	139.8	48.3
1937	1/26	47.8	14.7	2/22	99.3	37.2
1938	1/24	33.8	10.4	2/22	108.6	39.6
1939	1/27	37.2	10.2	3/1	63.6	21.3
1940	1/27	71.4	21.1	3/1	114.0	37.9
1941	1/29	79.9	27.5	2/26	91.4	35.1
1942	1/29	98.3	28.5	2/26	95.6	37.2
1943	2/1	96.8	30.4	3/1	107.9	41.1
1944	2/7	49.5	16.3	2/27	71.2	22.4
1945	1/25	51.0	18.5	2/23	84.3	33.7
1946	1/21	59.1	23.9	2/22	69.3	28.5
1947	1/31	66.7	21.0	2/28	66.9	24.7
1948	1/25	24.7	8.4	2/27	41.9	14.6
Ave.		65.2	20.9		85.4	30.9

Concluded on next page.

Carson Pass (Con't.)

Month:	April 1			May 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1930	4/3	72.8	33.3	4/29	56.5	27.6
1931	3/27	53.2	18.6	4/29	27.7	12.3
1932	3/30	108.4	49.7	4/28	100.5	48.8
1933	3/21	80.9	27.9	4/26	53.7	25.9
1934	3/26	36.9	19.2		No Survey	
1935	3/26	93.7	35.2		No Survey	
1936	3/23	98.4	46.1	4/25	79.6	45.0
1937	3/31	114.7	45.7	4/28	91.8	44.0
1938	3/29	142.5	55.4	4/29	105.1	52.0
1939	3/29	57.2	23.8	4/29	18.9	8.6
1940	3/29	101.2	39.3	4/26	80.2	38.9
1941	4/1	96.3	41.6	4/27	94.5	44.9
1942	3/27	94.6	41.6	4/29	90.3	40.6
1943	3/28	112.8	51.0	4/29	78.5	45.7
1944	3/29	68.6	30.4	5/4	56.7	33.4
1945	3/30	113.0	40.3	4/25	82.8	40.1
1946	3/22	83.5	33.9	4/23	67.2	32.1
1947	3/27	67.8	30.5	4/29	51.2	25.9
1948	4/7	105.4	33.4	5/2	85.7	36.8
Ave.		89.6	36.7		71.8	35.4

Miscellaneous measurements	1/3/30	27.4	10.4
	1/8/31	46.0	10.2

2. Poison Flat Snow Course

Established in 1942 by D. G. McBean. Located in California on Toiyabe National Forest in Sec. 25, T8N, R21E. Elevation 7900 feet. 26 samples at 50 feet. Surveys by District Forest Ranger, Minden, Nevada.

Month:	April 1				April 1 (con't.)			
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1942	4/2	38.0	15.5	1946	3/28	30.4	10.8
1943	4/1	45.7	19.0	1947	4/1	26.3	9.4
1944	3/31	37.9	14.8	1948	3/29	30.3	8.3
1945	3/31	59.1	18.5				
Ave.						38.2	13.8

3. Blue Lakes Snow Course

Established in 1918 by W. Monroe. Located in California on El Dorado National Forest in Sec. 30, T9N, R19E. Elevation 8000 feet. Course revised in 1939 to 24 samples at 50 feet. Surveys by California Cooperative Snow Surveys.

Month:	February 1			March 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1930	1/23	66.9	22.5	3/3	89.2	26.6
1931	1/29	45.9	12.1	3/3	57.2	17.3
1932	2/3	138.4	39.9	2/24	129.8	50.5
1933	2/7	75.2	21.2	2/26	73.8	24.9
1934	1/31	47.3	15.0	2/28	75.4	21.3
1935	1/30	73.4	22.1	2/28	69.9	24.5
1936	1/31	73.1	22.5	2/29	145.2	47.3
1937	1/31	86.8	18.1	2/26	97.2	32.8
1938	1/29	46.2	13.1	2/28	115.0	37.1
1939	1/31	66.7	12.8	2/28	67.2	19.6
1940	1/31	76.1	23.3	2/29	134.4	39.6
1941	1/31	98.1	33.1	3/5	147.3	46.4
1942	1/31	100.2	29.3	2/28	106.2	40.3
1943	1/31	110.2	32.5	2/28	113.0	37.0
1944	2/1	55.4	14.1	3/2	102.1	26.3
1945	2/4	92.3	27.6	3/1	94.8	31.9
1946	1/31	74.6	27.8	3/1	85.8	32.3
1947	1/31	69.7	20.5	2/28	65.3	23.2
1948	1/31	27.9	8.5	2/29	55.1	15.5
Ave.		75.0	21.9		96.0	31.3

Concluded on next page.

Blue Lakes (Con't.)

Month:	April 1			May 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1918	4/3	97.8	40.5	5/1	64.5	24.9
1919	4/1	96.0	38.0	5/1	51.3	23.7
1920	3/29	88.8	31.7	4/29	74.0	31.4
1921		No	Survey		No	Survey
1922	4/1	152.3	56.4		No	Survey
1923	4/1	73.7	33.1		No	Survey
1924	4/1	47.0	18.8		No	Survey
1925	4/1	95.6	38.7		No	Survey
1926	4/1	55.4	23.3		No	Survey
1927	4/1	135.6	50.6	5/2	98.3	49.7
1928	4/3	90.3	18.5		No	Survey
1929	4/3	51.7	19.9		No	Survey
1930	3/28	79.3	32.8	4/30	63.8	27.1
1931	3/22	53.7	18.9	4/30	23.9	8.9
1932	3/26	109.3	49.0	4/29	94.7	45.2
1933	3/24	81.9	30.0	4/24	55.8	26.4
1934	3/31	37.2	14.2		No	Survey
1935	3/30	86.6	31.1	4/30	98.3	41.1
1936	3/31	134.5	48.9	4/27	84.1	41.3
1937	3/30	112.5	40.5	4/28	87.8	40.1
1938	3/31	149.9	55.5	4/30	122.0	52.1
1939	3/31	62.0	22.8	4/30	22.6	10.4
1940	4/1	128.2	45.7	4/30	88.1	41.0
1941	3/31	112.1	45.5	4/30	111.2	53.2
1942	3/31	97.5	40.0	4/29	96.6	41.3
1943	3/31	115.4	46.3	4/30	79.9	37.1
1944	4/1	71.6	28.5	4/30	72.5	32.0
1945	3/31	113.6	40.7	4/30	75.7	33.7
1946	4/3	114.3	40.6	4/30	64.4	30.8
1947	4/1	75.3	30.1	4/29	53.9	24.7
1948	3/31	80.8	25.0	5/1	94.7	34.4
Ave.		93.3	35.2		76.3	34.1

Miscellaneous measurements	6/1/20	11.3	5.8
	2/4/39	67.9	13.8

Above figures are for course as revised in 1939.

WALKER RIVER

1. Center Mountain Snow Course

Established in 1922 by C. W. Fulton. Located in California on Toiyabe National Forest in Sec. 4, T3N, R23E. Elevation 9400 feet. Course revised in 1947 to 9 samples at 50 feet. Surveys by District Forest Ranger, Bridgeport, California.

Month:	April 1				April 1 (con't.)			
Year	Date	Snow In.	Water In.		Year	Date	Snow In.	Water In.
1922	4/14	125.4	51.1		1936	4/1	120.1	44.2
1923	4/1	90.9	35.9		1937	4/4	116.8	46.5
1924	4/1	61.5	17.5		1938	4/9	154.4	62.7
1925	4/1	80.5	35.1		1939	4/3	59.4	22.8
1926	4/1	50.5	19.8		1940	4/2	119.0	43.6
1927	4/1	118.0	50.2		1941	4/2	112.1	44.3
1928	3/15	57.2	54.3		1942	4/7	113.1	44.0
1929	3/16	69.8	22.2		1943		No	Survey
1930	3/25	74.5	28.5		1944	4/6	67.2	28.2
1931	3/27	53.6	15.0		1945	4/11	123.6	42.6
1932	3/22	110.3	43.6		1946	4/3	110.0	39.6
1933	3/27	79.6	28.4		1947	3/26	73.7	30.9
1934	3/30	45.9	19.3		1948	4/8	96.3	22.8
1935	3/29	89.7	36.0					
Ave.							91.3	35.7

Above figures are for course as revised in 1947.

2. Sonora Pass Snow Course

Established in 1930 by C. W. Fulton. Located in California on Toiyabe National Forest in Sec. 1, T5N, R21E. Elevation 8800 feet. Course revised in 1947 to 9 samples at 50 feet. Surveys by District Forest Ranger, Wellington, Nevada.

Month:	April 1				April 1 (con't.)			
Year	Date	Snow In.	Water In.		Year	Date	Snow In.	Water In.
1930	3/29	44.1	17.9		1940	4/4	73.4	28.4
1931	3/30	27.9	9.6		1941	3/28	73.4	29.8
1932	3/29	72.2	33.1		1942	3/29	62.6	25.7
1933	3/31	47.9	18.6		1943	3/27	76.2	29.2
1934		No	Survey		1944	3/29	53.1	20.2
1935	4/12	72.8	29.5		1945	4/2	81.7	28.4
1936		No	Survey		1946	4/4	78.5	27.6
1937	4/8	83.1	33.2		1947	3/31	50.2	17.9
1938	4/21	71.8	33.8		1948	3/26	52.7	14.1
1939	3/31	34.6	14.7					
Ave.							62.1	24.2

Above figures are for course as revised in 1947.

3. Buckeye Forks Snow Course

Established in 1930 by C. W. Fulton. Located in California on Toiyabe National Forest in Sec. 20, T4N, R23E. Elevation 8450 feet. Course revised in 1947 to 9 samples at 50 feet. Surveys by District Forest Ranger, Bridgeport, California.

Month:	April 1			April 1 (con't.)		
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1930	3/25	41.5	13.9	1940	4/1	63.4	17.0
1931	3/26	27.7	8.2	1941	4/1	62.8	24.3
1932	3/23	70.3	29.4	1942	4/5	61.0	22.4
1933	3/28	51.9	17.1	1943		No	Survey
1934	3/31	22.9	10.3	1944	4/5	43.7	17.0
1935	3/30	54.8	18.7	1945	4/10	71.3	20.5
1936	3/29	66.0	27.8	1946	4/2	67.0	21.0
1937	4/3	74.2	27.5	1947	3/26	42.2	16.1
1938	4/8	91.1	34.3	1948	4/8	46.1	12.1
1939	4/2	26.5	11.2				
Ave.						54.7	19.4

Above figures are for course as revised in 1947.

4. Virginia Lakes Snow Course

Established July 2, 1946 by Houston and Bedel. Located in California on Toiyabe National Forest in Sec. 5, T2N, R25E. Elevation 9500 feet. 8 samples at 50 feet. Surveys by District Forest Ranger, Bridgeport, California.

Month:	April 1		
Year	Date	Snow In.	Water In.
1947	3/28	37.7	15.9
1948	3/31	37.4	10.4
Ave.		37.6	13.2

5. Willow Flat Snow Course

Established in 1925 by C.W. Fulton. Located in California on Toiyabe National Forest in Sec. 21, T5N, R23E. Elevation 8250 feet. Course revised in 1947 to 10 samples at 50 feet. Surveys by District Forest Ranger, Wellington, Nevada.

Month:	April 1			April 1 (con't.)			
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1925	4/1	22.5	8.2	1937		No	Survey
1926		No	Survey	1938	4/19	43.3	20.9
1927	4/1	33.3	14.3	1939	3/28	15.5	5.5
1928		No	Survey	1940	3/31	31.2	10.8
1929		No	Survey	1941	3/29	36.1	14.0
1930		No	Survey	1942	4/1	34.3	12.6
1931	3/31	7.5	2.7	1943	3/29	31.5	11.7
1932	3/26	42.2	16.1	1944	3/31	34.6	12.6
1933	4/2	24.9	8.8	1945		No	Survey
1934		No	Survey	1946	4/5	37.0	12.0
1935		No	Survey	1947	4/1	21.0	7.9
1936		No	Survey	1948	3/25	23.4	5.5
Ave.						29.2	10.9

Above figures are for course as revised in 1947.

6. Buckeye Roughs Snow Course

Established in 1922 by Boardman, Munson, and Fulton. Located in California on Toiyabe National Forest in Sec. 15, T4N, R23E. Elevation 7800 feet. Course revised in 1946 to 9 samples at 50 feet. Surveys by District Forest Ranger, Bridgeport, California.

Month:	April 1			April 1 (con't.)			
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1922	4/1	103.1	41.7	1936	4/2	71.7	29.6
1923	4/1	59.0	24.2	1937	4/5	81.6	34.9
1924	4/1	28.7	7.7	1938	4/10	92.2	39.1
1925	4/1	44.7	14.8	1939	4/2	25.0	10.5
1926	4/1	31.5	11.8	1940	4/3	50.9	21.4
1927	4/1	76.2	29.6	1941	4/1	59.3	25.3
1928		No	Survey	1942	4/5	62.7	23.9
1929	3/17	42.4	13.0	1943	3/30	50.4	21.0
1930	3/26	43.1	14.8	1944	4/5	44.6	18.4
1931	3/28	30.6	9.1	1945	4/10	70.6	21.8
1932	3/24	74.0	33.1	1946	4/2	64.2	19.8
1933	3/29	56.7	21.4	1947	3/27	40.6	15.0
1934	3/31	18.1	7.3	1948	4/4	36.1	8.1
1935	3/30	55.2	20.8				
Ave.						54.4	20.7

Miscellaneous measurements	2/25/31	36.3	8.9
	3/9/35	64.4	20.9

Above figures are for course as revised in 1946.

7. Leavitt Meadows Snow Course

Established in 1923 by C. W. Fulton. Located in California on Toiyabe National Forest in Sec. 4, T5N, R22E. Elevation 7200 feet. Course revised in 1947 to 10 samples at 50 feet. Surveys by District Forest Ranger, Wellington, Nevada.

Month:	April 1			April 1 (con't.)			
Year	Date	Snow In.	Water In.	Year	Date	Snow In.	Water In.
1923	4/1	28.6	10.9	1936		No	Survey
1924		No	Survey	1937	4/9	25.6	11.6
1925	4/1	13.5	4.6	1938	4/21	33.3	17.4
1926		No	Survey	1939	3/30	7.6	3.4
1927	4/1	15.8	6.8	1940	3/29	15.9	6.7
1928	4/5	0.0	0.0	1941	3/27	29.5	13.0
1929		No	Survey	1942	3/30	27.4	12.2
1930		No	Survey	1943	3/26	13.2	7.0
1931	4/1	0.0	0.0	1944	3/28	31.3	10.3
1932	3/29	36.0	15.6	1945	4/1	29.8	11.0
1933	3/31	18.5	7.9	1946	4/4	16.5	3.8
1934		No	Survey	1947	3/31	2.4	1.4
1935		No	Survey	1948	3/26	15.9	3.1
Ave.						19.0	7.7

Above figures are for course as revised in 1947.

8. Tioga Pass Snow Course

Established in 1926 by U. S. Forest Service. Located in California on Inyo National Forest in Sec. 30, T1N, R25E. Elevation 9900 feet. 16 samples at 100 feet. Surveys by California Cooperative Snow Surveys.

Month:	March 1			April 1		
Year	Date	Snow In.	Water In.	Date	Snow In.	Water In.
1926	2/19	54.4	16.5			
1927		No Survey		4/7	81.7	33.7
1928		No Survey		3/30	63.1	16.4
1929		No Survey		4/3	51.9	16.8
1930	3/7	60.1	22.1		No Survey	
1931	2/26	22.8	7.5	3/27	31.6	9.9
1932		No Survey		4/1	79.8	35.0
1933		No Survey		3/26	45.5	17.2
1934		No Survey		3/31	40.2	16.9
1935		No Survey		3/31	63.0	29.4
1936		No Survey		3/24	84.1	34.9
1937		No Survey			No Survey	
1938		No Survey			No Survey	
1939		No Survey		4/1	36.0	12.4
1940		No Survey		4/4	91.8	34.9
1941	2/26	92.2	32.9	3/29	89.7	38.4
1942	2/24	82.6	31.0	3/26	79.8	34.4
1943	2/23	69.7	29.3	4/1	87.4	34.9
1944	2/26	62.3	17.3	3/29	60.6	21.6
1945	2/26	69.2	27.4	3/28	96.1	34.6
1946	3/2	58.0	23.0	4/1	85.5	32.1
1947	2/26	43.7	15.6	3/26	51.4	19.4
1948	2/26	33.3	11.4	3/31	49.7	15.7
Ave.		58.9	21.3		66.8	25.7

Miscellaneous measurements			
	4/24/26	37.1	15.7
	3/26/35	62.9	24.9
	2/1/48	27.8	9.4
	5/1/48	56.4	22.3